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# What is the default IP address of a SightLogix device?

Last Modified on 02/12/2020 12:06 pm EST

#### The default IP address is 192.168.0.99.

3rd Generation SightLogix devices ship with DHCP enabled with the assumption that there is a DHCP server on the network.

If no DHCP service is detected after approximately one minute, the default IP address will be adopted for setup purposes to reach the device. After initial setup, the default IP address will no longer be used unless a factory reset has been performed.

If you are on a corporate network and the IP has been assigned via DHCP, you can use the SightLogix discovery tool (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d5ff9208e121ca74046455e/n/sightlogix-discovery-1-0-0.zip)to discover devices when you don't know the actual IP address.

# Default username/password for a SightLogix device?

Last Modified on 12/19/2019 11:18 am EST

SightLogix device default credentials are:

Username: root

Password: push2edg

# Default SightMonitor username and password?

Last Modified on 12/19/2019 11:19 am EST

SightMonitor default credentials are:

Username: chief

Password: change

## Viewing Thermal and Visible SightSensor Video Streams

Last Modified on 11/08/2023 9:22 am EST

SightLogix video is commonly viewed via a compatible VMS by adding the SightLogix device as an ONVIF device. If you are adding a dual-stream SightSensor (HD or TC), add the device to your VMS and both streams will be available.

Alternatively, you can view the camera's video via third-party applications, as described below.

#### Dual-Stream SightSensor TC and SightSensor HD

On the dual-stream SightSensor TC and HD, both visible and thermal streams are available as MJPEG or MPEG.

We recommend ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/), or any generic media player, like as the open-source VLC (https://www.videolan.org/vlc/). You can also use a web browser.

For ONVIF Device Manager:

- Default ONVIF credentials: service/test1234
- SightSensors can usually be discovered automatically

For VLC Media Player, click "Media" and "Open Network Stream" (use your camera's IP address if changed from the default)

- Visible: rtsp://192.168.0.99/mpeg1
- Thermal: rtsp://192.168.0.99/mpeg2

MJPEG streams can be viewed through a web browser using the following URLs (use your camera's IP address if changed from the default):

- Visible: http://root:push2edg@192.168.0.99/axis-cgi/mjpg/video.cgi
- Thermal: http://root:push2edg@192.168.0.99/axis-cgi/mjpg/video.cgi?ch=2

#### Viewing Live Video: Thermal-Only SightSensors

On the Thermal SightSensor, thermal video streams are available as MJPEG or MPEG.

MPEG streams can be viewed using a third-party media player such as the open-source VLC (https://www.videolan.org/vlc/), ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/), or your Video Management System.

For VLC Media Player, click "Media" and "Open Network Stream" (use your camera's IP address if changed from the default)

• rtsp://192.168.0.99/mpeg1

For ONVIF Device Manager:

- Default ONVIF credentials: service/test1234
- SightSensors can usually be discovered automatically

MJPEG streams can be viewed through a web browser using the following URLs (use your camera's IP address if changed from the default):

• http://root:push2edg@192.168.0.99/axis-cgi/mjpg/video.cgi

# How to view thermal and visible streams in a VMS?

Last Modified on 11/08/2023 9:24 am EST

SightSensor HD and TC are presented to the network (and any VMS) as a dual stream ONVIF device. The streams are hard coded as Stream 1 and Stream 2. Any preferences for which stream to view is determined by the VMS you are using.

Unlike SightSensor NS cameras, the thermal stream in the SightSensor HD was designed for detection, and the HD stream for viewing. For this reason, it's expected that customers typically configure their VMS or monitoring center to view the HD stream during the day and if needed supplement that with the thermal stream at night.

In practice, we've seen situations where the HD stream, even in night mode with IR Illumination, may not be as clear as the thermal stream due to available lighting or other circumstances at the site. For that reason, some customers have chosen to view both streams in the VMS. Some VMS systems offer a dropdown where a user can select either stream based on preference. Again, this is a VMS-specific operation.

Refer to Viewing Thermal and Visible SightSensor Video Streams (https://portal.sightlogix.com/help/how-do-i-view-sightsensor-thermal-visible-streams) for more information.

# How do I set time and date in SightLogix devices (NTP)?

Last Modified on 11/09/2020 9:56 am EST

It is necessary to use NTP (https://en.wikipedia.org/wiki/Network\_Time\_Protocol) to set proper time and date. Please use an open source NTP server (do not use Windows time or SNTP).

To set NTP on your device:

- Use the Networking page in SightMontor or WebConfig to to set the NTP IP address.
- Be sure the correct time zone is selected in device settings.

#### Note: it is necessary to reboot the device in order to synchronize to NTP.

Here are examples of cost-effective open source GPS, satellite-based NTP servers:

- https://www.veracityglobal.com/products/networked-video-integration-devices/timenet-pro.aspx (https://www.veracityglobal.com/products/networked-video-integration-devices/timenet-pro.aspx)
- https://timemachinescorp.com/product/gps-ntpptp-network-time-server-tm2000/ (https://timemachinescorp.com/product/gps-ntpptp-network-time-server-tm2000/)

# How to Install SightMonitor Client on a Windows PC

Last Modified on 01/21/2020 10:22 am EST

Follow these steps to install the SightMonitor client on a Windows computer:

- Ensure that SightMonitor base (server) has been installed as described in the SightMonitor documentation (https://portal.sightlogix.com/help/sightmonitor-user-documentation).
- Verify that you can log in to SightMonitor on the server's computer. If login is successful, then proceed.
- Copy all contents of the following directory of SightMonitor server from the computer where it has been installed to the Windows computer where client login is desired.

#### C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\SightMonitor

- Once contents are copied to the client PC, run the sminstaller.exe on client machine to install the SightMonitor client.
- Once installer.exe has completed there should be a shortcut to start SightMonitor client on the PC using the same credentials as the server machine.

Please note that ports 8443 and 19539 are required for remote SightMonitor client functionality. A complete list of required ports for the SightLogix system may be found in the SightLogix-System-Installation Checklist (https://dyzz9obi78pm5.cloudfront.net/app/image/id/572a185c91121cdf4dc15a75/n/sightlogix-system-installation-checklist-rev-8-2012.pdf).

Further SightMonitor and system reference information may be found here: https://portal.sightlogix.com/ help/getting-started (https://portal.sightlogix.com/help/getting-started).

# When does the SightSensor's heater turn on?

Last Modified on 06/17/2020 3:48 pm EDT

The window heater, which is powered by 24V A/C only, automatically starts when the temperature is between 5°C and 0°C and ramps up to 20 watts (100%) by the time it gets to -20°C.

Note that you can disable the heater from starting automatically (it's enabled by default) by changing the **Enable Heater** option in the Device page in WebConfig.

# How to Measure a SightSensor's Height?

Last Modified on 10/02/2023 1:02 pm EDT

When calibrating a SightLogix device in WebConfig, you are asked to input the device's height.

This variable is always the height above the ground - not above sea level.

The best way to measure sensor height is to use a tape rule and measure height from the ground to the lens. This will be the value entered for sensor height in the calibration dialog.

Note as well that the two calibration points used in map based calibration must be on the ground, so height for Calibration Point 1 and Calibration Point 2 are always "0"

# **Release 16.2 Highlights**

Last Modified on 07/24/2023 2:54 pm EDT

Release 16.2 of SightLogix Security System offers a number of capabilities.

Click here for Release Note - 16.2.x (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6438229e87493211fc0dfb9d/n/sl-rn-16-2-02-16-2023.pdf) (updated July 21, 2023)

Highlights are below - please refer to the complete Release Note for all changes.

- DSA at Night (HD,TC) Firmware 16.2.122 option in the device tab of WebConfig for "Night DSA" which can use both imagers in dual imager products when there is sufficient light in the camera's scene
- OpenEye Firmware 16.2.122 should be used for OpenEye and SightSensors
- Privacy Zones for Dual Imager SightSensors (HD, TC) Device Firmware 16.2.112 You can now choose to define a Privacy Zone on WebConfig's Policy page . Doing so will blank out that section of the visible image from being seen.
- Shock Alarm Device Firmware 16.2.102

When selected, the Shock Alarm feature automatically monitors the camera's position and sends a Shock Alarm when the camera is impacted,

tilted or moved from its current position by more than 3% of the total field of view

• New SightSensor 4-Series Cameras

The new 384×288 NS4 and TC4 lines deliver 44% more pixels than 320×240 cameras, offering wider intruder detection coverage and a clearer thermal image, at costs that make them a compelling solution for protecting critical, industrial and commercial perimeters.

- Learn more about the NS4: https://www.sightlogix.com/new-sightsensor-line/
- Learn more about the dual-imager TC4: https://www.sightlogix.com/new-thermal-color-detectioncamera/
- This release also addresses any previously reported software bugs and enhancements, as discussed in the Release Note.
- Contact SightLogix (https://www.sightlogix.com/contact/) for information about obtaining the new release for your existing products.

# Announcing Release 15.12

Last Modified on 08/31/2020 11:36 am EDT

#### Date: April 9, 2020

Release 15.12 of SightLogix system software introduces a number of improvements, as explained in the Release Note - Release 15.12 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e207f02ec161c8c1ffd9d77/n/sl-rn-15-12-1-2-2020.pdf)

Highlights of the release include:

- Dual Sensor Analytics (DSA) Dual-video cameras now have the ability to use the visible image to improve daytime detection. This feature can be enabled in WebConfig's Device page by turning on Dual Sensor Analytics.
- Edge Recording Newer cameras (NS, TC and HD) equipped with SD card readers can use the new Edge Recording feature. Users can insert an SD card in the back of the camera and then schedule and view recordings on the "recording" tab of WebConfig. An Edge Storage Setup Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e73d6ad121c1f32a47fc3/n/sightsensor-edge-storage-setup-guide.pdf) is also available, along with an Edge Storage Calculator (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e7b6c6e121c291bddf3fd/n/sightlogix-edge-storage-calculator.xlsx).
- New Wide-Angle SightSensor HD: Support has been added for an upcoming addition to the SightSensor HD product line, a 95-degree, wide-angle option. More details on the HD395 to come.
- This release also addresses any previously reported software bugs and enhancements, as discussed in the Release Note - Release 15.12 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e207f02ec161c8c1ffd9d77/n/sl-rn-15-12-1-2-2020.pdf)
- Click here for the Release Note Release 15.12 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e207f02ec161c8c1ffd9d77/n/sl-rn-15-12-1-2-2020.pdf)
- Contact SightLogix (https://www.sightlogix.com/contact/) for information about obtaining the new release for your existing products.

# Announcing Release 15.10

Last Modified on 03/12/2019 11:47 am EDT

#### Date: March 12, 2019

Release 15.10 of SightLogix system software introduces a number of improvements, as explained in the Release Notes for 15.10 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5c87c933ec161c2c65d3c4b9/n/sl-rn-15-10-03-05-2019.pdf).

Highlights of the release include:

- Introducing SightSensor TC The SightSensor TC is a dual-video smart camera that uses high-clarity thermal for detection and HD visible color for alarm assessment. Learn more at https://www.sightlogix.com/sightsensor-tc/
- **Stabilizer Improvements** All SightSensor models now automatically use either image or gyroscope stabilization to improve detection performance.
- NTP Stability A issue has been fixed which sometimes caused a camera to fail to set initial time from the NTP server on boot-up when in static IP mode. Enhanced NTP debug information is now available on the WebConfig network page.
- Syslog Server Support: Logging to an external syslog server feature has been restored. WebConfig login attempts and ssh login attempts are logged to the syslog.
- SightSensor HD2XX Thermal Video stream: The visual quality of the infrared video stream has been improved for the SightSensor HD2XX cameras.
- Third Party Support This release adds support for VMS's from OpenEye and Aimetis Senstar Symphony, and PTZs from 360 Vision Predator HD 30x and Ulisse Compact Delux PTZ.
- This release also addresses any previously reported software bugs and enhancements, as discussed in the Release Note.
- Click here for the Release 15.10 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5c87c933ec161c2c65d3c4b9/n/sl-rn-15-10-03-05-2019.pdf)
- Contact SightLogix (https://www.sightlogix.com/contact/) for information about obtaining the new release for your existing products.

# **Announcing Release 15.8**

Last Modified on 10/05/2018 11:29 am EDT

#### Date: Oct 5, 2018

Release 15.8 of SightLogix Security System software introduces a number of changes, including the highlights below:

#### • GPS Map Calibration in WebConfig

WebConfig can now calibrate SightSensors for use with SightTracker to automatically steer ONVIF PTZ cameras to follow targets. Previously, this functionality required Windows-based SightMonitor.

An updated WebConfig Installation Guide (Release 15.8)
 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb37b97ec161c32032e5459/n/sightsensor-webconfig-installation-guide.pdf)

is now available that includes GPS Map Calibration.

#### • WebConfig version of SightTracker.

You can now use the WebConfig interface to configure and calibrate SightTracker. Previously, this functionality required Windows-based SightMonitor.

• A new SightTracker WebConfig Installation Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb5160f6e121cae3e74dc14/n/sighttracker-webconfig-installation-guide.pdf) is also available

- This release also addresses any previously reported software bugs and enhancements, as discussed in the Release Note.
- Click here for the Release 15.8 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb391adad121c351dafee44/n/sl-rn-15-8-09-21-2018.pdf)
- Contact SightLogix (https://www.sightlogix.com/contact/) for information about obtaining the new release for your existing products.

# Announcing Release 15.6.85

Last Modified on 06/29/2018 4:00 pm EDT

#### Date: June 29, 2018

This software release of the Enterprise Security System upgrades the Coordination System (CS) to version 15.6.8 and the camera firmware to version 15.6.85 for the 15.x firmware family, 10.10.61 for 10.x firmware family and 5.6.6976 for previous generations.

Release 15.6 of SightLogix Security System software introduced support for WebConfig, an intuitive browserbased configuration interface. Today's release extends WebConfig support from SightSensor HD to all SightSensors. Note that SightTracker, target mapping and map-based calibration are not supported in this version of WebConfig. This release also addresses any previously reported software bugs and enhancements, as discussed in the Release Note, below.

Release Note - Release 15.6 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5ae74a1eec161cdd71c598c8/n/sl-rn-15-6-04-26-2018.pdf)

# Introducing WebConfig

Last Modified on 06/29/2018 4:02 pm EDT

#### Date: May 9, 2018

We've introduced a new, browser-based interface for configuring SightSensor smart thermal cameras. WebConfig is an alternative to the SightMonitor, the Windows-based software for configuring SightSensors. The first version of WebConfig supports SightSensor HD, the dual-video thermal/visible camera announced last year. Future versions of WebConfig will support the full product line.

#### Learn More about WebConfig:

- Getting Started with WebConfig (https://portal.sightlogix.com/help/getting-started-web-config) Steps, videos and documentation for setting up a SightSensor using WebConfig
- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig) Features of the WebConfig interface
- Differences Between WebConfig and SightMonitor (https://portal.sightlogix.com/help/webconfig-vs-sightmonitor)
- WebConfig Documentation (https://portal.sightlogix.com/help/webconfig-docs)

# Announcing the SightSensor HD

Last Modified on 06/29/2018 4:03 pm EDT

### **Thermal-Visible Smart Camera**

#### Date: Oct 25, 2017

Today, SightLogix introduced SightSensor HD, a high performance, thermal-visible smart camera for securing outdoor areas. The dual-stream SightSensor HD combines a thermal sensor for intruder detection, a high-definition color imager for detection verification, integrated video analytics and NIR illumination.

#### Learn More about SightSensor HD:

- Read the SightSensor HD press release (https://www.sightlogix.com/thermal-visible-smart-camera/)
- Visit the SightSensor HD product page (https://www.sightlogix.com/sightsensor-hd-thermal-camera/) for the datasheet, specs, videos and drawings

## New SightSensor Line of Smart Thermal Cameras

Last Modified on 07/14/2022 11:17 am EDT

### Date: July 14, 2022

We're excited to add a new line of 384×288 SightSensor smart thermal cameras, designed for the mainstream security market.

The new 384×288 NS4 line delivers 44% more pixels than 320×240 cameras, offering wider intruder detection coverage and a clearer thermal image, at costs that make them a compelling solution for protecting critical, industrial and commercial perimeters.

Like all SightSensor thermal cameras, the NS4 line includes powerful edge processing to optimize outdoor performance with features like geo-aware video analytics, electronic stabilization, exceptional thermal clarity, and a toolbox of filters to manage application conditions.

The NS4 maintains SightLogix's heritage for unmatched intruder detection performance. This new extension to the SightSensor line meets the most pressing needs of the security market by delivering high performance, reliability, and ease of use at an attractive price.

The SightSensor NS4 line is available at standard delivery timeframes. Visit https://www.sightlogix.com/products/sightsensor-ns/ (https://www.sightlogix.com/products/sightsensor-ns/?utm\_source=Act-On&utm\_medium=email&utm\_term=Click&utm\_content=email&utm\_campaign=NS4) to learn more.

# **Getting Started with WebConfig**

Last Modified on 09/18/2023 11:07 am EDT

## **User Documentation**

SightSensor WebConfig Installation Guide.pdf

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf) - Step-installation-guide.pdf) - Step-installation-guide.pdf

by-step instructions for installing your camera

- SightSensor Edge Storage Setup Guide
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e73d6ad121c1f32a47fc3/n/sightsensor-edge-storage-setup-guide.pdf) Step-by step instructions for using Edge Storage with newer cameras
- SightLogix Edge Storage Calculator.xlsx (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e7b6c6e121c291bddf3fd/n/sightlogix-edge-storage-calculator.xlsx)
- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig) Quick overview of the
  WebConfig interface
- Release Notes & Announcements (https://portal.sightlogix.com/help/news-and-announcements-fd43b3e)

## **Helpful Tools and Information**

- Pre-Installation Checklist (https://dyzz9obi78pm5.cloudfront.net/app/image/id/572a185c91121cdf4dc15a75/n/sightlogix-systeminstallation-checklist-rev-8-2012.pdf)- Prepare for your SightLogix install
- SightLogix Design Guidelines (https://portal.sightlogix.com/help/sightlogix-design-guidelines) Best practices for your deployment and surge protection.
- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig) Quick overview of the
  WebConfig interface
- Changing from SightMonitor to WebConfig (https://portal.sightlogix.com/help/changing-sightmonitor-webconfig) Instructions for SightSensor HDs managed by Windows-based SightMonitor software
- SightLogix Discovery Tool 1-3-0.msi 🗞

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/6421a375e722c617d4538acf/n/sightlogixdiscovery-1-3-0-amd64.msi) For discovering SightLogix devices on the network, even if they are configured to be on a different subnet. Click the device in the Discovery Tool window to open its WebConfig page.

- VLC Viewer (http://download.videolan.org/pub/videolan/vlc/1.1.10/win32/vlc-1.1.10-win32.exe) (external link) Third-party tool for viewing video during initial SightSensor configuration.
- ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/) (external link) Third-party tool for finding other SightSensors on your network and for verifying ONVIF authentication.

### **Set-up Videos**

### **Getting Started: Physical Setup**

### **Advanced Resources**

VMS Instructions (https://portal.sightlogix.com/help/vms-and-ptz-integrations) - Steps for connection SightLogix solutions

with select partner VMS systems.

# WebConfig Documentation

Last Modified on 10/02/2023 10:14 am EDT

## **User Documentation**

- SightSensor WebConfig Installation Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf)
- SightSensor Edge Storage Setup Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e73d6ad121c1f32a47fc3/n/sightsensor-edge-storage-setup-guide.pdf) (for new devices equipped with SD Card readers)

- SightTracker WebConfig Installation Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb5160f6e121cae3e74dc14/n/sighttracker-webconfig-installation-guide.pdf) (for setting up a SightTracker using WebConfig)
- Release 16.2 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6266bed8e505ab58d07a9be8/n/sl-rn-16-2-02-11-2022.pdf)- Features and known issues in the latest release
- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig)
- Previous Releases Archive (https://portal.sightlogix.com/help/previous-releases)
- Datasheets are available on theSightLogix public website, here (http://www.sightlogix.com/datasheets/).

### **Helpful Tools and Information**

- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig) Quick overview of the
  WebConfig interface
- SightLogix Design Guidelines (https://portal.sightlogix.com/help/sightlogix-design-guidelines) Best practices for your deployment and surge protection
- SightLogix Discovery Tool 1.1.0 🗞

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/61718a34312e00f4447b23c8/n/sightlogixdiscovery-1-1-0-amd64.zip) - For discovering SightLogix devices on the same subnet, even if they are configured to be on a different subnet. Click the device in the Discovery Tool window to open its WebConfig page.

• SightLogix Edge Storage Calculator 🗞

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e7b6c6e121c291bddf3fd/n/sightlogix-edge-storage-calculator.xlsx) - For determining storage capacity of your SD card (for newer cameras equipped)

- VLC Viewer (http://download.videolan.org/pub/videolan/vlc/1.1.10/win32/vlc-1.1.10-win32.exe) (external link) Third-party tool for viewing video during initial SightSensor configuration.
- ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/) (external link) Third-party tool for finding other SightSensors on your network and for verifying ONVIF authentication.

Changing from SightMonitor to WebConfig (https://portal.sightlogix.com/help/changing-sightmonitor-webconfig) -

#### $Instructions \ for \ Sight Sensor \ HDs \ managed \ by \ Windows-based \ Sight Monitor \ software$

### Procedures

- SightSensor Maintenance Procedures (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5a6b77486e121c60341ff816/n/document-pn-5-3000018-001-sightsensormaintenance-procedures.pdf)
- Pole-Mounting Guidelines (3rd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63b32131c1a7d08b5c1/n/SightSensor-Pole-Mounting-GuidelinesGen3.xls)
- Wind Induced Forces (3rd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/58b07ddd91121c272343ce52/n/wind-induced-forces-sightsensorgen3.pdf)

# Getting to Know WebConfig

Last Modified on 10/08/2018 3:33 pm EDT

WebConfig was designed to make setting up a SightSensor quick and easy. Here's an overview of the features and functions of the WebConfig interface.

## Live Camera Snapshot on the Login Page



- When you enter your SightSensor's IP address in your browser, the login page shows the latest snapshot from your camera. This helps you determine which camera you are configuring.
- Refresh the screenshot by clicking the small icon on the bottom left of the image.

## **Quick Start Guide**

After you login for the first time, a Quick Start Guide is displayed showing basic steps to get you up and running.



- Close the window by clicking the "X" in the upper right.
- This pop-up re-opens each time you login until you create your first rule under POLICY.
- Deleting all policy rules will cause the Quick Start to reappear.

## **Tool Tips**



Triggers Automatic Local Calibration. The camera tilt is measured and combined with the Camera height to update the scene dimentions. Entering the correct camera mounting height, having a good camera tilt angle, and low yaw number is very important to the accuracy of the detection analytics for discriminating the size of objects in the detection area.

• Hover your mouse over any field name OR field entry for helpful information about the feature and the expected entry format.

## **Saving Parameters**



- Entering new parameter(s) brings up the symbol SAVE/REVERT icon under the Page Menu on the left side of the browser window.
- Once parameter(s) are complete click the "SAVE" checkmark circle to load new parameters to the camera.
- To cancel new entry(s) click the "REVERT" X circle and the original entries will be restored.
- Checking either circle will cause <a>configuration loaded</a> to appear in the upper right corner to acknowledge the action.
- Changes made on a field's page but not yet saved are indicated by the yellow text on the left-hand tab:



## **Collapsible Navigation**

• You can collapse the left-side navigation menu for more configuration room by clicking the small arrow, as shown (Release 15.8 and later).



## **One-Click Human Detection Rule**

• WebConfig comes with a pre-set policy for detecting human-sized targets. Just click the + icon on the Policy page to create.



- This automatically creates an alarm zone over the entire field of view and an alarm condition for any humansized object (> than 3 feet tall by > 1 foot wide) moving anywhere within that alarm zone area for longer than ½ second.
- Adjust the zone using the drag points in the corners of the zone overlay. Additional points can be added by left-clicking anywhere along the perimeter of the Zone box, and a drag point can be deleted by right clicking on it.

## White Bold and Light Gray Text

White-bold text indicates an editable field. Light-gray text indicates a read-only field.

# Differences Between WebConfig and SightMonitor

Last Modified on 07/19/2019 1:31 pm EDT

WebConfig is a browser-based software that simplifies the process for setting up SightSensors.

SightMonitor is a Java-based Windows software for calibrating SightSensors, managing Sites, and viewing targets projected onto a Site Map in real time.

You can read an overview of WebConfig features here: Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig).

The differences between WebConfig and SightMonitor are:

- Targets Projected onto Site Map: WebConfig does not currently support projecting targets onto a topology map. This functionality is provided by SightMonitor.
- Installation Requirements:
  - SightMonitor is a Java-based Windows applications that adheres to a client/server architecture.
  - WebConfig is accessed by entering the IP address of the camera in a web browser. There is no software to install with WebConfig.
- Calibration:
  - WebConfig provides a very easy calibration process just enter the camera's height off the ground, and the camera automatically determines tilt and yaw parameters.
  - WebConfig also offers the more advanced GPS Map Calibration, which is required for SightTracker use.
  - SightMonitor requires a GPS Map calibration process.
- Ease of Use: WebConfig has been designed to simplify the configuration of SightSensors. In addition to the items listed above, it provides a step-by-step Getting Started screen, includes mouse-over tooltips on every field, comes with one-click human detection rules, automatic geo-location, and simpler VMS and SureView setup.

# Changing from SightMonitor to WebConfig

Last Modified on 04/19/2018 11:49 am EDT

These instructions are for SightSensor HD only.

If you have been using SightMonitor to manage your SightSensor(s), and you want to change your configuration method to using WebConfig, follow these steps.

Note: SightSensors should be managed **either** by SightMonitor or WebConfig, but not both simultaneously. If you change to WebConfig using the instructions below and decide to revert to SightMonitor, you will need to recalibrate your camera and reconfirm your policy settings. Ideally, we recommend a software factory reset of your camera using WebConfig before changing your configuration method back to SightMonitor.

#### **Required Materials**

- WebConfig-enabled firmware (15.5x and above). Instructions for downloading firmware are here: http://portal.sightlogix.com/help/upgrading-cs-and-firmware)
- Your SightSensor's Administrative Access credentials. If they have not been changed from the default, you can use: *root/push2edg*.

### Step 1: Upgrade your camera's firmware to enable WebConfig

• Download the WebConfig-enabled firmware (15.5x and above) to your firmware\_images folder:

C:\Program Files(x86)\SightLogix\CS\webserver\webapps\slcs\firmware\_images

• Launch SightMonitor, right-click your device from the Camera tree, choose "Configure".



• Click the Ethernet tab, as shown.

🔀 Camera Configuration [SL	-5000]	x
745 Alexander Rd           35_NS145-600           000 35_SL_Panasonic Dome           NS180           NS75-620           SL-5000           000 SL-5145(Videotec)           000 ST-Axis_IPdome           SensorHD	Network       Ethernet       Wireless       Camera       MPEG       JPEG       Tracker       Web Server         Use static IP address?       IP         IP Address       96.248.92.50         Gateway       96.248.92.1         Netmask       255.255.0.0	
۰ III ۲	I Save Cancel	

- Write down your SightSensor's networking information (IP address, Gateway and Netmask). You will need this information later.
- Click the Web Server tab and verify if the entries for Administrative Access are blank.
  - If they are blank, this means that the default username/password have **not** been changed from the factory default (*root/push2edg*).
  - If these fields are NOT blank and show masked entries, this means that the Administrative Access credentials have been changed from default. You will need to locate these credentials to continue.
  - If you do not know your credentials, you will have to perform a hardware reset after reaching Step 3, below.
- Right-click your SightSensor in the camera tree and choose "Upgrade Firmware".
- Select the firmware from the firmware list and click "Upgrade Selected".
- Upgrade the second boot slot so both contain WebConfig-enabled firmware.

### Step 2: Remove Your SightSensor from SightMonitor

• Once both slots have been successfully upgraded, remove the SightSensor from the SightMonitor camera tree by right-clicking and choosing "Remove"

Note: SightMonitor can remain open as long as the SightSensor being switched to WebConfig has been removed.

### Step 3: Software-Factory Reset the SightSensor

• Enter the IP address recorded earlier into your browser. The WebConfig sign-in page opens.

sightlogix	WebConfig				
	SL-12538 (D00012538 ) Username				
	Password				
	UNITS Feet •				
	Sign in				

Note: If a checkbox to Force Login is available, enable this box and continue. Also: If the login screen shows a red message "CS connected: Please disconnect CS to login" confirm that you have completed Step 2, above.

- Enter your camera's Administrative Access credentials or use the default credentials *root/push2edg* if they have not been changed.
  - If you do not know your Administrative Access credentials, you can factory reset your camera using the Hardware Reset process: http://portal.sightlogix.com/help/factory-reset.
  - Then using a browser, access the camera within thirty seconds of power-up using DHCP or the camera will default to the IP address: 192.168.0.99.
- Click Sign In.

The Network page opens, as shown.

sightlogix	NETWORK (SL-12239)					
NETWORK						
CAMERA	Carnera Narne	SL-12239		Serial Number		
CALIBRATION	Current	Network Sett	ings			
POLICY						
MPEG / IPEG	IP Address			Gateway		
in corji co	Netmask			NTP		
TRACKER	DNS			Syslog		
WEB SERVER	Networ	k Configuratio	n			
MAINTENANCE		DHCP				
INFO						
CAMERA NEIGHBORHOOD						
ONLINE HELP	NTP	Custom				
LOGOUT	Custom					
	Syslog	Optional		Domain	Optional	

• Click the Maintenance tab on the left.

• Click Factory Reset.

Wait one minute and refresh your browser.

• Note: The only settings that will remain after your factory reset are the camera's networking settings, including IP address.

You are now ready to configure your camera using WebConfig. Refer to the on-screen QuickStart guide, and/or the SightSensor WebConfig Installation Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf) for instructions.

# **Getting Started with SightMonitor**

Last Modified on 04/13/2023 11:47 am EDT

Here are some helpful resources for getting started with the SightLogix SightSensor system.

## **Guided Set-up Videos**

Click here for step-by-step videos for installing a SightSensor(https://portal.sightlogix.com/help/video-tutorials)

### **User Documentation**

• SightMonitor Installation Guide (Release 15.x)

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c3d29aad121c00722bf112/n/sightlogix-thermal-sightsensor-installation-guide.pdf) -

Step-by-step instructions for installing your camera

• SightSensor Edge Storage Setup Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d6e73d6ad121c1f32a47fc3/n/sightsensor-edge-storage-setup-guide.pdf) - Step-bystep instructions for using Edge Storage with newer cameras

- Welcome Sheet (https://dyzz9obi78pm5.cloudfront.net/app/image/id/56b0c9ea91121ce962f241ad/n/sl-enterprise-welcome-rel10-8.pdf)
   A copy of the SightLogix CD contents
- Quick Reference (https://dyzz9obi78pm5.cloudfront.net/app/image/id/572a1ab432131c7e02f2c6d5/n/sl-qref.pdf) An overview of the Configuration System interface
- SightLogix Enterprise Security System Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c2d34aec161c59182bf1b2/n/sightlogix-enterprise-security-system-guide.pdf) -

Using advanced features of the SightLogix system.

- Download VLC Viewer (http://download.videolan.org/pub/videolan/vlc/1.1.10/win32/vlc-1.1.10-win32.exe) Helpful for viewing video during initial SightSensor configuration.
- Release Notes (https://portal.sightlogix.com/help/news-and-announcements-fd43b3e) -See what's new in the most recent update

#### **Procedures**

- SightSensor Maintenance Procedures (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5a6b77486e121c60341ff816/n/document-pn-5-3000018-001-sightsensormaintenance-procedures.pdf)
- Pole-Mounting Guidelines (3rd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63b32131c1a7d08b5c1/n/SightSensor-Pole-Mounting-GuidelinesGen3.xls)
- Pole Mounting Guidelines (2nd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63932131c1a7d08b5be/n/Pole-Mounting-Guidelines\_7-14-2011.pdf)

- Wind Induced Forces (3rd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/58b07ddd91121c272343ce52/n/wind-induced-forces-sightsensorgen3.pdf)
- Wind Induced Forces (2nd Generation)

(https://dyz29obi78pm5.cloudfront.net/app/image/id/55e9c83532131c337b08b5ff/n/Wind%20Induced%20Forces%20for%20SightSensor-Gen2.pdf)

• SightSensor Cable Diagram (2nd Generation) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63932131c1a7d08b5bf/n/SightLogix-Cable-diagram.pdf)

## **Helpful Tools and Information**

- Pre-Installation Checklist (https://dyzz9obi78pm5.cloudfront.net/app/image/id/572a185c91121cdf4dc15a75/n/sightlogix-systeminstallation-checklist-rev-8-2012.pdf)- Prepare for your SightLogix install
- SightLogix Design Guidelines (https://portal.sightlogix.com/help/sightlogix-design-guidelines) Best practices for your deployment
- VMS Instructions (https://portal.sightlogix.com/help/vms-and-ptz-integrations) Steps for connection SightLogix solutions with select partner VMS systems.
- Drawings and Diagrams (https://portal.sightlogix.com/help/product-drawings) PDFs and DWGs
# SightMonitor II Documentation

Last Modified on 09/18/2023 11:09 am EDT

SightMonitor II is a Windows-based site management and target display tool for 4th Generation and later SightLogix devices.

#### SightMonitor offers two key functions:

- Site-wide management: A single interface to apply site-wide tasks, including firmware upgrades, assigning/moving devices from one site to another, performing backups, and directly accessing each device's WebConfig page.
- Live target display: Targets detected by SightSensors are overlaid on an aerial image of the site to visually show their location as they move within SightSensor detection zones. (Note: This functionality requires that each device be calibrated using the GPS Calibration method in WebConfig).

SightMonitor II is the second generation of SightMonitor. The original version, SightMonitor "classic" is a Javabased client-server model that stores all calibration and configuration parameters in a local database. With SightMonitor II, the calibration and configuration settings are performed using WebConfig and stored inside each SightLogix device. This makes SightMonitor II faster to install, load, and use.

#### The following items are required to use SightMonitor II:

- A SightLogix device running 15.12 or later firmware, ideally configured using WebConfig and the GPS Maps calibration procedure.
  - SightMonitor II can be used with SightLogix devices that have been calibrated using the classic version of SightMonitor, or with the Quick Calibration procedure in WebConfig, with important caveats, explained in the SightMonitor II Installation Guide.
  - A PC with a 2 GHz dual-core processor (ideally I7-core or above) with at least 4GB of memory (ideally, 16GB or more) running currently supported 64-bit versions of Windows.

#### **User Documentation and Resources**

- SightMonitor II Installation Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e44312fad121c6a5e6a1766/n/sightmonitor-II-installation-guide.pdf)
- SightLogix Pre-Installation Checklist (https://dyzz9obi78pm5.cloudfront.net/app/image/id/572a185c91121cdf4dc15a75/n/sightlogix-system-installation-checklist-rev-8-2012.pdf)
- SightLogix Discovery Tool 1-3-0.msi (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6421a375e722c617d4538acf/n/sightlogixdiscovery-1-3-0-amd64.msi)
- Release Notes & Announcements (https://portal.sightlogix.com/help/news-and-announcements-fd43b3e)

# **Getting Started with SightTracker PTZ**

Last Modified on 09/19/2023 3:09 pm EDT

## **Installation Information**

• SightTracker PTZ Installation Guide 🗞

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/63dd565f59abfe75b871dace/n/sighttracker-ptz-installation-guide.pdf)

- SightTracker PTZ Mounting Assembly and Dimension Drawings.PDF (https://dyzz9obi78pm5.cloudfront.net/app/image/id/63dd5a549bd44d00bc644af4/n/sighttracker-ptz-mounting-assembly-and-dimension-drawings.PDF)
- SightTracker PTZ Compatibility with SightLogix Solutions (https://portal.sightlogix.com/help/sighttracker-ptz-compatability)
- Release Notes & Announcements (https://portal.sightlogix.com/help/news-and-announcements-fd43b3e)

## **Helpful Tools and Information**

- SightLogix Design Guidelines (https://portal.sightlogix.com/help/sightlogix-design-guidelines) Best practices for your deployment and surge protection.
- Getting to Know WebConfig (https://portal.sightlogix.com/help/getting-to-know-webconfig) Quick overview of the
  WebConfig interface
- SightLogix Discovery Tool 1-3-0.msi 🗞

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/6421a375e722c617d4538acf/n/sightlogixdiscovery-1-3-0-amd64.msi) For
 discovering SightLogix devices on the network, even if they are configured to be on a different subnet. Click
 the device in the Discovery Tool window to open its WebConfig page.

- VLC Viewer (http://download.videolan.org/pub/videolan/vlc/1.1.10/win32/vlc-1.1.10-win32.exe) (external link) Third-party tool for viewing video during initial SightSensor configuration.
- ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/) (external link) Third-party tool for finding other SightSensors on your network and for verifying ONVIF authentication.

## **Advanced Resources**

• VMS Instructions (https://portal.sightlogix.com/help/vms-and-ptz-integrations) - Steps for connection SightLogix solutions with select VMS systems.

# SightTracker PTZ Compatibility with SightLogix Solutions

Last Modified on 09/18/2023 11:28 am EDT

SightTracker PTZ is designed to work with most of the solutions in the SightLogix ecosystem, according to the following specifics:

- SightTracker PTZ is compatible with all Gen3, Gen3s, and Gen4 (currently shipping) SightSensors.
- SightTracker PTZ is not compatible with SightSensor Gen2 and earlier cameras.
- SightTracker PTZ is always configured via its WebConfig interface.
- Sites that are using "classic" SightMonitor can still use SightTracker PTZ. For these sites, the PTZ is simply configured via its WebConfig interface (it will not show up on SightMonitor I, but will work as designed).
- SightMonitor II is not <u>required</u> to use SightTracker PTZ. While it can be a helpful tool for managing all devices in a site, there is no technical requirement to change from SightMonitor I to SightMonitor II if the only goal is to deploy SightTracker PTZ.

#### To help clarify the items above:

- SightMonitor (https://portal.sightlogix.com/help/getting-started)refers to the original JAVA-based application for configuring, calibrating, and managing a site with SightLogix devices.
- SightMonitor II (https://portal.sightlogix.com/help/sightmonitor-II-user-documentation) is the second-generation, Windowsbased application for managing a site of SightLogix devices. All devices under management by SightMonitor II are configured and calibrated using their integrated WebConfig interface.

# **VMS and PTZ Integrations**

Last Modified on 07/21/2023 4:11 pm EDT

#### SightTracker

- SightTracker Supported PTZ List (https://portal.sightlogix.com/help/sighttracker-third-party-ptz-support)
- Configuring SightTrackers with Analog Cameras (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c2b95eec161cc9112bf0b8/n/configuring-sighttrackers-with-analog-cameras.pdf)

#### **VMS** Instructions

Note: The instructions provided below are based on the most recently tested version of the VMS system; some changes may have occured. They are also are intended for knowledgeable users who have been trained in the VMS system that is being used.

VMS System	Tested Version	Special Notes	Setup Instructions
Aimetis Senstar Symphony	7.1.0.1	Firmware 15.10 and above	
Avigilon Control Center 6	6.8.4.0		Click Here (https://portal.sightlogix.com/help/configuring- avigilon)
Avigilon Control Center 7	7.2.0.18		Click Here (https://portal.sightlogix.com/help/configuring- avigilon-control-center-7)
Bosch	7.5		Click Here (https://portal.sightlogix.com/help/configuring- bosch-bvms)
CHeKT Bridge	2.5.x		Click Here (https://portal.sightlogix.com/help/connecting- chekt-bridge)
Exacq Vision	9.2.3.130093	Set "Disable RTCP Timeout" to Enabled	Click Here (https://portal.sightlogix.com/help/configuring- exacq-vision)
Flir Latitude	8.0.0.6100		Click Here (https://portal.sightlogix.com/help/configuring- flir-latitude)

Genetec Security Center	5.10.0.0 (357.0)	In Genetec, select ONVIF as manufacturer when adding the camera.	Click Here (https://portal.sightlogix.com/help/genetec- security-center)
IndigoVision	15.1		Click Here (https://portal.sightlogix.com/help/configuring- indigovision)
Luxriot EVO	1.6.0.20768		Click Here (https://portal.sightlogix.com/help/configuring- luxriot-evo)
March Networks Command Pro	2.1.0.63		Click Here (https://portal.sightlogix.com/help/march- networks-command-professional)
Milestone Xprotect	2020 R3, 20.3a		Click Here (https://portal.sightlogix.com/help/configuring- milestone-xprotect)
OpenEye	1.8.0.8271	Requires Firmware 16.2.12	Click Here (https://portal.sightlogix.com/help/configuring- openeye)
Qognify	Cayuga R17	Use the camera driver ONVIF Profile-S/G Driver	Click Here (https://www.qognify.com/support- training/supported-devices/) Select "SightLogix" from the Manufacturer drop-down menu
SureView Immix			Click Here (https://portal.sightlogix.com/help/configuring- immix-direct)

### • For older systems, refer to the VMS Instructions Archive, here

(https://portal.sightlogix.com/help/archived-vms-instructions).

# SightTracker Third Party PTZ Support

Last Modified on 05/02/2023 1:09 pm EDT

The following is the current list of IP-based PTZ cameras which have been tested and certified with the SightLogix® SightTracker to provide automated tracking functionality in conjunction with SightLogix SightSensors.

We have tested SightLogix firmware with the specific IP-based PTZ cameras and PTZ firmware versions indicated below. If you are considering using a different PTZ or PTZ firmware than shown here, additional testing may be required to verify compatibility with SightTrackers.

Manufacturer	PTZ	PTZ Firmware	SightLogix Firmware
360 Vision	Predator HD 30x	1.21.05	Firmware 15.10 and above
Axis	Q6045-E Mk II	5.70.1	Firmware 10.6 and above See Axis Configuration and Notes, below
Axis	Q6045-E Network Camera	5.70.1	Firmware 10.6 and above See Axis Configuration and Notes, below
Axis	Q6055-E		3rd-party tested device (Not Qualified by SightLogix, but known to be in service and operating well)
Axis	Q6155-E		3rd-party tested device (Not Qualified by SightLogix, but known to be in service and operating well)
Axis	Q6215-LE	9.70.1.515	Firmware 15.12.220 and above
Axis	Axis Q6315-LE PTZ	10.4.4	16.0.30 and above (Click for special 10.9.4 FW step) (https://portal.sightlogix.com/help/axis- q6315-le)
Axis	Q8685-LE Outdoor PTZ	6.55.1.3	Genetec Only (click for steps) (https://portal.sightlogix.com/help/setting-up- sighttracker-with-axis-q8685-ptz), 15.6 and above

#### IP PTZs (SightSensor Gen3 Only)

Bosch	AUTODOME IP Starlight 7000 (VG5-7130-EPC4)	6.43.0027	Firmware 15.6 and above
Hanwha	XNP-6550RH	1.40.02_20191031_R321	Firmware 15.12.230 and above
Infinova	V1492MR-T2	V2.2.9.201607060901	Firmware 10.8.69 and above
Panasonic	WV-SUD638	4.10	Firmware 15.12.85 and above
Panasonic	WV-SW598	2.43	Firmware 15.2.x and above
Pelco	P2230-ESR	05.20.2.7(MB:3.5)	Firmware 15.12.230 and above
Pelco	P2820-ESR	05.40.1.12(MB:3.5)	Firmware 16.2.14 and above
Samsung	SNP-6320RH	S/W: 1.01_150915 ISP: 1.01_150213 Tracking: 1.17_150213	Firmware 10.6 and above
Videotec	Ulisse Compact Delux (UCHD21TAZ00B)	3.2.0	Firmware 15.12.206 and above
Videotec	ULISSE Compact HD PTZ	V1.6T1543S7500	10.10.6 and above 15.2.x and above

NOTE: If minimum firmware indicated in the table is 15.X.X or 16.X.X then a SightTracker model ST3-020 (currently shipping) is required to control the PTZ via ONVIF Profile S.

Older SightTracker model ST3-000 is not compatible with firmware 15.X.X or 16.X.X.

## **Axis Configuration Notes**

Both supported Axis domes must be be configured to have the full tilt range available to avoid an "out of range"

message. You can set the limits via the web interface by going to:

- Setup -> PTZ -> Advanced -> Limits
- Set the dome set to:
  - Upper Limit 20
  - Left Limit -180
  - Right Limit 180
  - Enable Eflip Checked OR Lower Limit -90
- When clicking Save there will be a warning: "The tilt angle of 20 degrees is outside the default range. This may cause poor image quality."
- Select OK

# Analog Cameras (no longer supported by current SightTracker hardware)

#### Bosch

• AutoDome Analog PTZ Series 600 (Gen 4)

Note: Must use AutoDome RS-232 connection from camera to SightTracker for bi-directional communications.

#### **FLIR**

- PT Series
- D-Series

#### FLIR / ICx

• Illuminator Series

#### Pelco

- Spectra III Series
- Spectra IV Series

Note: When using a Spectra IV please confirm that the model number is SD4xx and NOT SD4Exx. The "E" indicates that it is an IP Spectra IV. Also, the back box or mount model number should be (for example) BB4-xx and NOT BB4E or BB4e-xx which would indicate an IP model. If you have any doubts, please contact Pelco Product Support at 1-800-289-9100 or contact SightLogix for help.

• Esprit Series

For Esprit models, similar rules apply as for Spectra. Esprit model ES40-xx is an analog Esprit. Esprit model ES40Exx is an IP Esprit.

#### VideoTec

- Ulisse 360 Series
- Ulisse Compact Series
- VideoTec Ulissee Analog PTZ Application Note

(https://dyzz9obi78 pm 5. cloud front.net/app/image/id/568 e 779932131 cbc 207 b 2424 / n/ulisse-compact-pelcod-std-application-note.pdf) and the second state of th

Notes:

1. SightLogix has *not* tested and/or certified every model variation of the cameras listed above. It can only be assumed that all models will interface in the same way and using the same protocol as the specific model

tested.

- 2. Sightlogix has tested and certified with a certain firmware version for each camera listed. It may be required that the camera be updated to use the exact firmware version that was present during our testing to insure compatibility with the SightTrackerTM unit.
- 3. There is a known issue with certain Pelco Spectra Camera back boxes. SightLogix has found that the serial data connection on the IP ready Spectra IV Camera back boxes does not work and cannot provide the needed communications needed for the SightTracker unit. It is recommended that the standard analog Spectra IV back box be used as a result.

## **Configuring March Networks Command Professional 2.1.0.63**

Last Modified on 10/10/2018 12:02 pm EDT

This document describes how to setup March Networks Command Professional VMS with the SightLogix SightSensor. These instructions show how to view and record video as well as to optionally use the dry contact input on the SightSensor as an alarm input to be monitored with Command.

#### Requirements

SightLogix SightMonitor V15.2.18 or greater as well as SightSensor firmware V15.2.92 or greater.

#### Initial Steps - Configure SightMonitor

- 1. Install SightMonitor and configure the SightSensor with required networking settings.
- 2. Using SightMonitor, configure the ONVIF user name and password for the SightSensor and press "Save".
- 3. Using SightMonitor, select VMS type "Indigo Vision H.264" in and press "Save".

### **Configuring March Networks Software**

Open Command Recording Server setup window, as shown.

Press *Camera* and select ONVIF 2.4 and fill in desired camera name, ONVIF user name and password previously configured in SM, IP address, and press *Ok*.

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Camera Properties:		
Brand:		Onvif2.4 🔹
Model:		Camera 🔹
Name:		SightSensor 12
Address:		192.168.50.12
Port:		Device Dependent
User Name:	_	root
Password:		•••••
Camera Group:		None 🔹
Profile Name:		
		Ok Cancel

Press Save Changes icon in upper right side of Command Recording Server.



Video will now be displayed if camera is on line.

Comeral       Encoders       Video       PIZ       PIZ Management         Name:       SightSensor12       Onvf2.4       Camera       192.168.50.12       Camera 1         Name:       SightSensor12       Onvf2.4       Camera       192.168.50.12       Camera 1         Name:       SightSensor12       Onvf2.4       Camera       192.168.50.12       Camera         Name:       SightSensor12       Onvf2.4       Camera       192.168.50.12       Camera         Name:       SightSensor12       Onvf2.4       Camera       Camera       SightSensor12       Camera         Name:       SightSensor12       Onvf2.4       Camera       PIZ Management       Camera       Camera       Uniting:       Namal       Camera       PIZ Management         Name:       SightSensor12       Convf2.4       Camera       Camera <th>PI * Command Config         SubtiSensor12         SubtiSensor12         PIZ Management         PIZ Management         Sundard         Normal         Sundard         Nothing selected         Nothing selected         Dons:</th> <th>Image: SighSensor12       Video       PTZ       PIZ Management         Image: SighSensor12       Own/Z.4       Camera       192.168.50.12         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: Note: Note: Note: Note: Note: Source Camera: Camera 1       Source Camera: Camera 1       Source Camera: Camera 1         Image: Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4         Image: Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4</th> <th>Command Config - Internet</th> <th>Explorer</th> <th></th> <th></th> <th></th> <th></th>	PI * Command Config         SubtiSensor12         SubtiSensor12         PIZ Management         PIZ Management         Sundard         Normal         Sundard         Nothing selected         Nothing selected         Dons:	Image: SighSensor12       Video       PTZ       PIZ Management         Image: SighSensor12       Own/Z.4       Camera       192.168.50.12         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: SighSensor12       Source Camera: Camera 1       Source Camera: Camera 1         Image: Note: Note: Note: Note: Note: Source Camera: Camera 1       Source Camera: Camera 1       Source Camera: Camera 1         Image: Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4       Own/Z.4         Image: Own/Z.4	Command Config - Internet	Explorer				
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Press Setup on Command Recording Server window. Select "Alarms".

Name the new alarm something descriptive such as "SightSensor XX motion alarm " and press "Ok" and press Save icon.

Alarm Prop	erties:	
Name:	SightSensor 12 mot	ion alarm
	Ok	Cancel

Select Add Source and press Ok and then the Save icon.

AVAILABLE SOURCES	X
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Image Behaviour and Analysis	
▲ Cameras	
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▲ SightSensor12	
Motion area 0	
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Physical Connectors	
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System Status	
Unresolved Resources Ok Cancel	

Now go back to Command setup and select Scheduler and check *Enable Recording* and press the Save icon.

Command Config - Enternet Explorer		
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Tanable Recording Selector: "Systeme 159" on "Select 1" Storage Iofo Bange Colo 51 Storage Dak Ster 138.457 (Dytes No Two Colors)	Compiler         Image: Compiler           01         02         02         03         04         03         06         07         08         10           Compression Encoder:         Encoder L	●         ● 00000:3400 ●           1
Catable Reconding Sector: "SetTer 1" Storage Info (Storage Core, 1	Comyslay     Comyslay	• 0000-3400 •           0000-3400 •           1 12         13         14         15         16         17         18         19         21         22         23         5           I         12         13         14         15         16         17         18         19         20         21         22         23         5           I         12         13         14         15         16         17         18         19         20         21         22         23         5           I         IF         freed         If
Enable Recording Sector: "Sig/Secord 159" on "Sector 1" Storage Endo Storage Endo Storage Endo Storage Info Name (Secord 1 ) Storage (Secord 1 ) S	Compley     Compley     Compression Directore:     Compression Directore:     Excoder     Record Medicular:     Record Medicular:     Record Medicular:     Record Medicular:     Record Medicular:     Record Medicular:	
✓ Enable Recording       Sector: "Sefferenz 159" on "Sector 1"       Storage Endo       (Banage Group 1       (Banage Group 1 <td>Complex         Image: Complex complex</td> <td>Image: 100 million         Image: 100 million           1</td>	Complex         Image: Complex	Image: 100 million         Image: 100 million           1

Use SightLogix SightMonitor to create a test alarm in the sensor you are working with and a motion alarm should be received in the March client.



The motion alarm should be logged in the March Command Management [CRI console].

Command Management - [0	[RS Console]	
Hie Help		
2.1.0.63 🥥 🕨 🖬 🕨 [		
23 Feb 2017 - 14:13:29	*User admin from 192.168.50.172 changed alarms settings	
23 Feb 2017 - 14:17:05	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:17:05	*User admin from 192.168.50.172 changed alarms settings	
23 Feb 2017 - 14:19:01	Triggered alarm SightSensor 159 motion alarm.	
23 Feb 2017 - 14:19:40	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:19:40	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:19:54	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:19:54	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:19:55	Alam SightSensor 159 motion alam ended.	
23 Feb 2017 - 14:21:59	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:21:59	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:22:26	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:23:09	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:23:09	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:23:10	Triggered alarm SightSensor 159 motion alarm.	
A 23 Feb 2017 - 14:23:21	New setup received from user admin from 192.168.50.172, logging changes:	
14:23 Feb 2017 - 14:23:21	*User admin from 192.168.50.172 changed cameras settings	
14:23 Feb 2017 - 14:23:26	Alam SightSensor 159 motion alam ended.	
A 23 Feb 2017 - 14:24:01	New setup received from user admin from 192.168.50.172, logging changes:	
14:24:01 23 Feb 2017 - 14:24:01	"User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:24:09	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:24:09	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:32:02	New setup received from user admin from 192.168.50.172, logging changes;	
14:32:02 23 Feb 2017 - 14:32:02	*User admin from 192.168.50.172 changed alarms settings	
14:32:19 23 Feb 2017 - 14:32:19	New setup received from user admin from 192.168.50.172, logging changes:	
14:32:19 23 Feb 2017 - 14:32:19	"User admin from 192.168.50.172 changed alarms settings	
1 23 Feb 2017 - 14:33:48	New setup received from user admin from 192.168.50.172, logging changes:	
14:38:19 23 Feb 2017 - 14:38:19	New setup received from user admin from 192.168.50.172, logging changes:	
4 23 Feb 2017 - 14:38:19	*User admin from 192.168.50.172 changed alarms settings	
23 Feb 2017 - 14:38:20	Triggered alarm SightSensor 12 motion alarm.	
23 Feb 2017 - 14:38:50	Alarm SightSensor 12 motion alarm ended.	
1 23 Feb 2017 - 14:39:12	Triggered alarm SightSensor 12 motion alarm.	
14:39:22 Teb 2017 - 14:39:22	New setup received from user admin from 192.168.50.172, logging changes:	
1 23 Feb 2017 - 14:39:22	*User admin from 192.168.50.172 changed alarms settings	
14:39:35 Add 2017 - 14:39:35	Alam SightSensor 12 motion alam ended.	
14:39:58 23 Feb 2017 - 14:39:58	Triggered alarm SightSensor 12 motion alarm.	
A 23 Feb 2017 - 14:40:06	Alarm SightSensor 12 motion alarm ended.	
23 Feb 2017 - 14:40:17	Triggered alarm SightSensor 12 motion alarm.	
1 23 Feb 2017 - 14:40:32	Alarm SightSensor 12 motion alarm ended.	
1 23 Feb 2017 - 14:41:11	Triggered alarm SightSensor 12 motion alarm.	
1 23 Feb 2017 - 14:41:32	Alarm SightSensor 12 motion alarm ended.	
14:42:02 23 Feb 2017 - 14:42:02	Triggered alarm SightSensor IO alarm.	
1 23 Feb 2017 - 14:42:18	Alam SightSensor IO alam ended.	
A 23 Feb 2017 - 14:42:32	Triggered alarm SightSensor 12 motion alarm.	
4 23 Feb 2017 - 14:42:57	Alam SightSensor 12 motion alam ended.	
23 Feb 2017 - 14:43:06	Triggered alam Sight Sensor IO alam.	
1 23 Feb 2017 - 14:43:16	Alarm Sight Sensor IO alarm ended.	
14:43:16 23 Feb 2017 - 14:43:16	Triggered alarm Sight Sensor 12 motion alarm.	
1 23 Feb 2017 - 14:43:44	Alarm SightSensor 12 motion alarm ended.	
1 23 Feb 2017 - 14:44:32	Triggered alam SightSensor 12 motion alam.	
23 Feb 2017 - 14:45:46	Alarm Sight Sensor 12 motion alarm ended.	
A 23 Feb 2017 - 14:45:52	Triggered alarm SightSensor 12 motion alarm.	-

#### **Configuring the Dry Contact Alarm**

The following optional steps describe how to configure the dry contact alarm input on the SightSensor. This input is designed to work with a dry switch contact (no external voltage applied). If an external voltage is applied to the Dry in contact pins, damage to the SightSensor may result.

To create and name an alarm input to March go to Setup and create a new IO physical alarm by pressing + in alarms. Press *Ok* and press the Save icon.

	$\times$
erties:	
SightSensor 12 IO alarm	
Ok	Cancel
	SightSensor 12 IO alarm

Select an I/O alarm source as shown here:

AVAILABLE SOURCES	$\times$
Source Selection:	
▲ WIN-UOD41UBLIGS	
Alarms	
Image Behaviour and Analysis	
Network	
Physical Connectors	
▲ Cameras	
▲ SightSensor 12	
Physical connector 0: 1	
▷ SS159	
Scheduler Status	_
System Status	_
	_
	_
	_
Unresolved Resources Ok Cance	

Press Ok and press Save icon.

With a wire or switch, short the Dry in - and Dry in + connections on the rear of the SightSensor and you will see an alarm input in March corresponding to the switch closure.

The alarm state can be monitored in the March client.



Alarms will also be logged in March Command Management [CRI console].

Command Hanagement - [(	CRS Console]	
File Help		
2.1.0.63 🥥 🗼 🔳 🕨 [	) =	
23 Feb 2017 - 14:13:29	"User admin from 192.158.50.172 changed alarms settings	
23 Feb 2017 - 14:17:05	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:17:05	*User admin from 192.168.50.172 changed alarms settings	
23 Feb 2017 - 14:19:01	Triggered alam SightSensor 159 motion alam.	
23 Feb 2017 - 14:19:40	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:19:40	*User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:19:54	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:19:54	*User admin from 132.158.50.172 changed cameras settings	
23 Feb 2017 - 14:19:55	Alam SightSensor 159 motion alam ended.	
23 Feb 2017 - 14:21:59	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:21:59	*User admin from 132.168.50.172 changed cameras settings	
23 Feb 2017 · 14:22:26	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:23:09	New setup received from user admin from 192 168:50.172, logging changes:	
23 Feb 2017 - 14:23:09	"User admin from 192.168.50.172 changed cameras settings	
23 Feb 2017 - 14:23:10	Triggered alam Sight Sensor 159 motion alam.	
23 Feb 2017 - 14:23:21	New setup received from user admin from 192 168:50.172, logging changes:	
23 Feb 2017 - 14:23:21	"User admin from 132, 168, 50, 172 changed cameras settings	
23 Feb 2017 - 14:23:26	Alam SightSensor 159 motion alam ended.	
23 Feb 2017 - 14:24:01	New setup received from user admin from 192.168.50.172, logging changes:	
23 Feb 2017 - 14:24:01	"User admin from 132.168.50.172 changed cameras settings	
23 Feb 2017 - 14:24:09	New setup received from user admin from 192 168:50.172, logging changes:	
23 Feb 2017 - 14:24:09	"User admin from 132.168.50.172 changed cameras settings	
23 Feb 2017 - 14:32:02	New setup received from user admin from 192 168 50.172, logging changes:	
Z3 Feb 2017 - 14:32:02	"User admin from 132, 168, 50, 172 changed alams settings	
23 Feb 2017 - 14:32:19	New setup received from user admin from 192 168:50.172, logging changes:	
23 Feb 2017 - 14:32:19	"User admin from 132.168.50.172 changed alams settings	
23 Feb 2017 - 14:33:48	New setup received from user admin from 132.168.50.172, logging changes:	
23 Heb 2017 - 14:38:19	New setup received from user administrom 132, 168:50,172, logging changes:	
23 Feb 2017 - 14:38:19	"User admin from 152: 156 30 172 changed aiams settings	
23 Feb 2017 - 14:38:20	Triggered alam Sight Sensor 12 motion alam.	
23 Peb 2017 - 14:38:50	Alam SightSensor 12 motion alam ended.	
23 Feb 2017 - 14:39:12	Triggered alarm Sight Sensor 12 motion alarm.	
23 Feb 2017 - 14:39/22	New setup received from user admin from 132,168,50,172, logging changes:	
Z3 Feb 2017 - 14:39:22	"User admin from 132, 168, 50, 172 changed alarms settings	
23 Heb 2017 - 14:39:35	Alam SightSensor 12 motion alam ended.	
23 Feb 2017 - 14:39:58	inggered alam SightSensor 12 motion alam.	
23 Feb 2017 - 14:40:06	Aam Sight Sensor 12 motion alam ended.	
Z3 Feb 2017 - 14:40:17	Triggered alam SightSensor 12 motion alam.	
23 Feb 2017 - 14:40:32	Aam Sight Sensor 12 motion alam ended.	
23 Feb 2017 - 14:41:11	Inggered alam Sight Sensor 12 motion alam.	
Z3 Feb 2017 - 14:41:32	Aam Sight Sensor 12 motion alam ended.	
23 Heb 2017 - 14:42:02	Inggered alam. Sight Sensor KO alam.	
23 Feb 2017 - 14:42:18	Alam sight sensor to alam ended.	
23 Heb 2017 - 14:42:32	Inggered aam signt sensor 12 motion aam.	
23 140 2017 - 14:42:57	yeam agrit tensor 12 motion alam ended.	
23 Neb 2017 - 14:43:06	Inggered alam Signt Senior KJ alam.	
23 Heb 2017 - 14:43:16	Aam signsensor A aam ended.	
23 Feb 2017 - 14:43:16	Inggered alam signt sensor 12 motion alam.	
Z3 Neb 2017 - 14:43:44	Aam SightSensor T2 motion alam ended.	
23 Feb 2017 - 14:44:32	Triggerid alam SightSensor 12 motion alam.	
23 Feb 2017 - 14:45:46	Aam Sight Sensor 12 motion alam ended.	
23 Peb 2017 - 14:45:52	Inggered alam SightSensor 12 motion alam.	

Rev 1.127 Feb 2017

# **Configuring Genetec Security Center**

Last Modified on 11/21/2022 3:59 pm EST

Tested with Genetec Security Center 5.10.0.0 with Device Pack 10.6.0 Tested with SightLogix Firmware 16.0.42

#### **Important Notes**

- Please consult the Genetec manuals for detailed operation procedures for SecurityCenter and the Security Desk application.
- The Device Pack 10.6.0 adds a feature that allows Genetec to use only one (1) license per SightSensor, which is especially helpful for dual-imager SightSensors HDs and TCs.
- To add the SightLogix SightTracker PTZ, scroll to the end of this document.

#### Adding Devices to Genetec with Genetec Protocol

- Devices must be in Digest mode in WebConfig (as shown) before adding devices using the Genetec Protocol.
- Click "Save" and the camera will reboot.

sightlogix <sup>*</sup> <	WEB SERVER (SL-12033)
NETWORK	
DEVICE	Administrative Access
CALIBRATION	Username root
POLICY	
MPEG / JPEG	Password push2edg Show Password Confirmation
TRACKER	■ Hide Login Image
WEB SERVER	Authentication
MAINTENANCE	
INFO	Web Authentication Type         Digest         •         Web Server Mode         HTTP and HTTPS         •
CAMERA NEIGHBORHOOD	HTTP 1.1 Pipelined Requests
	ONVIF Access
$\oslash$ $\bigotimes$	Username service
SAVE REVE	RT Password test1234 Password Confirmation
	Persistent UUID for ONVIF Discovery

- From the Genetec Config Tool, go to the Video unit viewer and click the appropriate Archiver.
- Select "Video Unit" from the bottom-left menu.
- In the dialog that appears, select "Genetec Protocol" as the Manufacturer.
- Enter the IP address for the camera you are adding.
- Enter the camera username and password (default username is "root", default password is "push2edg")
- Click Add (or Add and Close). The device is added to the tree.

🚯 Config Tool	🛛 🖉 튛 Area view		Video ×	System	Archive tran	
😻 Roles and units 💻 Archive transfer	🛃 Modules 🏾 🌰	Cloud Storage	< > 🛤	🏟 SL-12033		
Search 🕎						
Archiver	Туре:	Video unit				
SL-12033	lcon:	🏟 <del>-</del>				
▶ 🗇 SL-12524	Name:	SL-12033				
▶ 🏟 SL-13294	Description					
▶ 🏶 SL-14199	Description					
🍷 Media Gateway ≑ Media Router	Logical ID:					_
Se Unit Assistant	Relationships:	🔺 🤯 SL 🛛 M	anual add		×	
		▶ <b>1</b>	Manufacturer	····· Genetec Protocol	<b>_</b>	
		▶ <b>≼</b>	Product type:	All	• 0	
			IP address:	192 . 168 . 50 .	38 🚭 Hostname IPv6	
		+ X	HTTP port:	80 \$ 0		
			Authentication:	<ul> <li>Default logon</li> <li>Specific</li> </ul>		
	Manufacturer: Product type:	SightSen:	Username:	root		
	MAC address	00-18-08	Password:	•••••		
	Firmware version:	16.0.42	Use HTTPS:	OFF		
	Audio: SSL:	No	Location:	SHARE-PC-8		
	336		Add		Close Add and close	ļ
▶ ○						
🕂 Video unit 🔻 🗙 Delete 🕴 Ur	nit enrollment 🛛 📚	Unit 👻 🗾	Copy configuration	n tool 🛛 🚸 Maintena	ance 🔻	

#### Creating Continuous, Scheduled, or Alarm-based Recordings

Once you've added cameras, create and configure alarms as follows:

- Expand the unit in the sidebar, select the camera feed you want to record (there will be two feeds for SightSensor HDs and TCs) and then select the Recording tab.
- Under Recording settings select "Custom settings".
- Under Recording modes select "Continuous".
- If the device is a dual-imager mode, Repeat the above steps for device on Camera 02. Note that motion is only reported on Camera 01 (the 1080p Visible stream). The Thermal (Camera 02) stream should be set to record continuously.

🚯 Config Tool	🗙 🍯 Area view 🔗 🖬 Video 🛛 X 💽 System 🔗 🎼 Archive tran 🛛				
📚 Roles and units 💻 Archive transfer	🔄 Modules 📣 Cloud Storage < > 🛤 📼 SL-12033 - Camera - 01				
				_	
Search Y		Lidentity V	X= 📮	ideo analytics Co	or Hardware
A SHARE-PC-8		identity vi	Necoluling 1	laco analytics co	
A Archiver	Recording settings: O Inherit from Archiver				
SL-12033	<ul> <li>Custom settings</li> </ul>				
SL-12033 - Camera - 02	n real continuous				
► SL-12036	Kecording modes:				
▶ 📦 SL-12524	Automatic cleanup: ON O after 1 🗘 days				
▶ 🧇 SL-13294					
▶ 🍩 SL-14199					
🌪 Media Gateway					
茾 Media Router					
🐝 Unit Assistant					
0					
🕂 Video unit 🔹 🖄 Unit enrollment	🍩 Unit 👻 🗊 Copy configuration tool 🛛 🕎 Maintenance 🔻				

• Click apply on the bottom right to apply the settings



#### **Configure Motion**

- Select the "Video analytics" tab.
- Click the Motion Detection Tab for each camera feed and verify that motion detection is turned on and detection is done on the unit.

🚯 Config Tool 🔰 📄 Camera conf	. 🛛 🎽 Area view 🛛 👋 🖬	💵 Video 🛛 X 🌑 System 🛛 X 📭 .	Archive tran		
Roles and units Archive transfer	Modules Cloud Storage	e SL-12033 - Camera - 01			
Search Y SHARE-PC-8			R Identity	¥ <b>™ ≣</b> Video Recording	Video analytics Color Hardware
Archiver     St-12033     Camera - 01     St-12033 - Camera - 01     St-12036     St-12036     St-12036     St-12036     St-12524     St-13294     St-14199     Media Gateway     Media Gateway     Media Router     Unit Assistant	Image: Working         Image: Wiscond Tracking         Image: Wiscond Tracking	Motion detection: Ort Detection is done or: Archiver Ort ✓ Configure motion detect	on on unit 🛕 Disabling this setting mig	ht cause a unit reconne	rction.

#### **Creating Event Action on Motion Detection**

Once you've added cameras, create and configure alarm action as follows:

- In the camera view, select the camera feed which you would like an action performed on when motion is detected.
- Click "Identity"
- Click "Actions" Under "Relationships", and click
- Select "Motion on" as the triggering event
- Select "Add bookmark" as the action to perform
- Select the appropriate camera to apply the action to
- Enter a description for the bookmark event
- Click Save



#### **Using Genetec Security Desk**

Security Desk is another executable that lets you view live video, playback and bookmarks. To use:

- Launch Security Desk and log in
- Click the monitoring tab
- Click on the cameras and drag them to view



### Add SightLogix Devices as an ONVIF Device (Legacy)

- From the Config Tool, go to the Video unit viewer and click the appropriate Archiver.
- Select "Video unit" from the bottom-left menu.
- In the dialog that appears, select ONVIF as the "Manufacturer."
- Enter the IP address for the camera you are adding.
- Enter the ONVIF username and password (default username is "service" and the default password is "test1234").
- Click Add (or Add and Close). The device is added to the tree.

✿ Config Tool	🗙 🚫 🍖 🔂 40 @Admin@share-pc-8) 🔔 Tue 1.08 PM 📃 🖬 💿
< > 🕮 🗮 Archiver	
Search SHARE-PC-8 SHARE-PC-8 F 192:163:503:5-Unit 192:163:501:21 - Unit 192:163:501:23 - Unit 192:163:501:33 - Unit 192:163:501:33 - Unit 192:163:501:33 - Unit Media Router	Type: Archive:         Loca:         Loca:<
→ Video unit 🔹 🗙 Delete 📇 U	Jnit enrollment 🔹 Maintenance •
	· 🛄 📶 😼 😼 🖓 🤚 🐸 😇 🦞 🐺 🚞 · · · · · · · · · · · · · · · · · ·

## Adding SightTracker PTZ to Genetec

- Add the SightTracker PTZ using ONVIF as the "Manufacturer" (as shown above)
- Once successfully added, the camera unit will have 2 streams, as shown:

# I92.168.50.192 - Unit 192.168.50.192 - Camera - 01 192.168.50.192 - Camera - 02

- Disable the first stream, as follows (and as shown below):
  - Click on camera object
  - Go to the "Peripherals" tab
  - Click the "Camera 01" line
  - Click on the red circle at the bottom to disable the stream



Click Apply



• The unit object will now have 1 stream, as shown



- All video / alarm events directions will be set up as explained in "Creating Continuous, Scheduled, or Alarmbased Recordings", above.
- You may manually navigate the SightTracker PTZ in the Genetec Security Desk by doing the following:
  - Drag the live video screen to pan and tilt the camera
  - Use the mouse scroll or the side handle bar to zoom in and out



## **Configuring Avigilon Control Center 6**

Last Modified on 10/08/2019 8:49 am EDT

Tested with Avigilon Control Center 6.8.4.0 Tested with SightLogix Firmware 10.10.29 and 15.11.87

## Add SightLogix Devices as an ONVIF Device

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

Network Ethernet Wireles	s Camera MPEG JPEG Tracker	Web Server	
12012	Camera Description	New Camera Test	
76	Imager Type	IR 🗸	
	Time Zene	EFTEEDT	
	Auto Eogus		
	Auto Pocus		
	Manual Focus	4096.000000	
	Hi Def Day/Night Mode	Reserved ~	
	Sunset Offset (min.)	0	
	Sunrise Offset (min.)	0	
	Motion On Event Servers		
	Motion Off Event Servers		
	VMS Type	ONVIF H. 264	
	Enable Event Audio		
	Enable Opto In		
	Relay Out Mode	 Disabled	
	, Diaphla Stabilizar In Night Mada		
	Trailer Controller IP		
		Alarm Test	
>		Save Cancel	

#### Adding Devices with WebConfig

 In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4

sightlogix	CAMERA (SL-12012)						
NETWORK							
CAMERA	Camera Description	New Camera Test					
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern 1	îme (U.S, Canada	, Bahamas, Haiti)			
POLICY	Camera GPS Location			Geolocate			
MPEG / JPEG	Day/Night Mode	Auto Sense with LED		Sunrise Offset (min)		Sunset Offset (min)	
TRACKER							
WEB SERVER	Next Day/Night Event						
MAINTENANCE	VMS Type	ONVIF H.264			Relay Out Mode	Disabled	
INFO							
CAMERA	Motion On Event Servers	Custom					
NEIGHBORHOOD							
	Motion Off Event Servers						
		Alarm Test					
	Last Clip Timestamp						
	Anti Flicker	Outdoor Mode					

Next, add devices individually as hardware units.

• Log into AvigilonControl Center, click the upper left menu icon (three bars) and select *Manage Site Setup* from the left-side navigation.



• Click Connect/Disconnect cameras.

Ven 1 × Sta Lagin × ConvertBourn Search  Market Ven 1 × Sta Lagin × ConvertBourn Search  Wark-UCD43.R325	A	+			WIN-UOD41UB	165			0 0 x
	General	¢¢	111	((\$)				-	
				7	<b>I</b>	R	bacup seurge	HEROTE SECURIO	
		Ste Vew Editor	Nange Ste	Connect/Disconnect Cameras	Site Upgrade	License Management			

- Click Find Camera and enter the SightLogix camera's information in the Find Camera window and click OK.
  - Camera type is ONVIF.
  - Username/password is service/test1234

Discovered Cameras						
Discovered Cameras	Name		IP Address		т	ype
AXIS M1054(6598)			192.168.50.158		Axis (ONVIF)	
SightLogix_			192.168.50.189		ONVIE	
SightLogix_HD220-220			192.168.50.107		ONVIE	
SightLogix_HD220-220			192.168.50.185		ONVIF	
SightLogix_HD236-220			192.168.50.143		ONVIE	
SightLogix_HD236-220			192.168.50.51		ONVIF	
SightLogix_HD332-220			192.168.50.102		ONVIF	
SightLogix_HDXXX			192.168.50.125		ONVIE	
SightLogix_HDXXX			192.168.50.173		ONVIF	
SightLogix_NS???			192.168.50.76		ONVIF	
SightLogix_NS145-600			192.168.50.110		ONVIF	
SightLogix_NS160-300			192.168.50.105		ONVIF	
SightLogix_NS195-600			192.168.50.180		ONVIF	
SightLogix_NS35-320		Find Camera		×	ONVIF	
SightLogix_NS60-320					ONVIF	
SightLogix_NS95-300		Search From Server:	WIN-UOD41UBLIGS	•	ONVIF	
		Search Type:	IP Address	•		
Connected Cameras	Nama	Camera Tunar	ONATE	-		Mod
	nane	to Address Directores	100 160 50 140	-		1400
E WIN-OOD4TOBLIGS		IP Address/Hostname:	192.168.50.145	-		
		Control Port:	80	1		
		User Name:	service			
		Password:				

• Click OK. The following screen opens, showing the newly added camera at the bottom.

View 1 × Site Login × Connect/Disconnect Cameras × +				0- 0 ×
P Find Camera Show All Servers 🔻				
Discovered Cameras				
Name	IP Addre	SS	Туре	Model MAC Address
AXIS M1054(6598)	192.168.50.158	Axis (ONVIF)	M1054	00:40:8C:DA:19:C6
SightLogix_	192.168.50.189	ONVIF		
SightLogix_DS100	192.168.50.23	ONVIF	DS100	
SightLogix_HD220-220	192.168.50.107	ONVIF	HD220-220	
SightLogix_HD220-220	192.168.50.206	ONVIF	HD220-220	
SightLogix_HD236-220	192.168.50.187	ONVIF	HD236-220	8
SightLogix_HD332-220	192.168.50.102	ONVIF	HD332-220	
SightLogix_HD332-220	192.168.50.35	ONVIF	HD332-220	
SightLogix_HDXXX	192.168.50.173	ONVIF	HDXXX	
SightLogix_NS120-300	192.168.50.183	ONVIF	NS120-300	
SightLogix_NS145-600	192.168.50.110	ONVIF	NS145-600	
SightLogix_NS145-620	192.168.50.165	ONVIF	NS145-620	
SightLogix_NS160-300	192.168.50.105	ONVIF	NS160-300	
SightLogix_NS195-600	192.168.50.180	ONVIF	NS195-600	
SightLogix_NS200	192.168.50.69	ONVIF	NS200	
SightLogix_NS240-300	192.168.50.14	ONVIF	NS240-300	*
Connected Cameras				
Name	IP Address	Туре	Model	MAC Address Status
	SightSensor HD SE Network Camer	Firmane Vendor: 15.4.4 19.40fres: 122.165.50.143		
	SightSensor HD SE Network Camer  Camera is Disconnected  This camera is not connected to a server, its images are not being recorded.	MAC Address: 192.106.30.175 MAC Address: 00:18:08:00:2E:F6		
🎦 start 💐 🖉 📀 🎒 🎻 🚔 💽				

• Click Connect. The Connect Camera window opens.

Properties		
Connect to:	WIN-UOD41UBLIGS	•
Connection Type:	Primary	•
Camera Control:	Unsecure	
<ul> <li>Click to view locat</li> </ul>	ion	

- Click OK.
- Once connected, the camera will be shown at the bottom under Connected Cameras.

Nama		TD Address	Tune	Modal	MAC Address
i ane		P ADD ESS	type	Plote	PARL ADDRESS
SightLogix_HD332-220	15	2.168.50.241 0	NV0F	HD332-220	
ight.ogix_NS777	15	2.168.50.76 0	W/Di	NS222	
SightLogix_NS120-300	15	2.168.50.183 0	10/25	NS120-300	
SightLogix_NS145-600	15	2.168.50.110 0	N/0F	NS145-600	
ight.ogix_NS145-620	15	2.168.50.165 0	NV0F	NS145-620	
light.ogix_NS160-300	15	2.168.50.105 0	NN/D <sup>4</sup>	NS160-300	
lightLogix_NS200	15	2.168.50.69 0	NVDF	N5200	
SightLogix_NS240-300	15	2.168.50.14 0	NVIF	NS240-300	
ight.ogix_NS35-320	15	2.168.50.155 0	NN/Di	NS35-320	
SightLogix_NS60-320	15	2.168.50.54 0	NN/D <sup>4</sup>	N560-320	
SightLogix_NS75-620	15	2.168.50.18 O	NVDF	NS75-620	
SightLogix_NS95-300	15	2.168.50.22 0	NV0F	NS95-300	
light.ogix_NS95-320	15	2.168.50.40 0	NVD <sup>1</sup>	NS95-320	
light.ogix_SE236	15	2.168.50.123 0	NV0F	5E236	
SightLogix_ST3-020	25	2.168.50.137 0	N/IF	ST3-020	
SNP-6320RH	15	2.168.50.37 O	NVD <sup>4</sup>	SNP-6320RH	
ected Cameras					
Name	IP Address	Type	Model	MAC Address	Status
WIN-UOD-41UBLIGS					
ghtSensor Page 236-220 Networ	192.168.50.143	SightLogix (ONV2F)	SightSensor HD HD236-2	20 Networ 00:18:08:00:2E:F6	Connected

## **Setting Alarms**

Once you've added cameras, create and configure alarms as follows:

• Under the setup menu, click *Alarms* and click *Add*.

Vew 1 × Site Login × Search: Motion ×	Search: Event × Search	h: Alarms × Connect	t/Disconnect Cameras × Setup ×	Site Login X +					Q+ -	ø×
SearchQ				ţ,	WIN-UOD41UBLIGS					
	General	Site Name		(( <b>.</b>		Rules	Backup Settings	Restore Settings		
			Alarms:			<b>%</b>				
		Site View Editor				e Management				
				🌵 Add						
					Close					

- Select Motion Detection under Alarm Trigger Source.
- Select the camera which you want to associate with this alarm.

Add A	Jarm	×
Selec	t Alarm Trigger Source	
	Alarm Trigger Source: Motion Detection	
	Search Q	
	→  III WIN-UOD41UBLIGS	
	✓	
	🔽 🛁 SightSensor 🎦 HD236-220 Networ	
	<b>`</b>	

• Add the group/user to receive the alarm notification and click Next.

User/Group	First Name	Last Name	Wait Tim	ne
👷 Administrators			0 🚔 h 0 🔮	

• Provide a name for the alarm and click *Finish*.

Add Alarm		×
Select Alarm Properties		
Name:	Motion Alarm	
Priority:	1	
Schedule:	Always	
	✓ Enable alarm	
	Previous Sinish Cance	

• After adding the alarm, the Alarm properties should look as follows:

arms - WIN-UOD4	LUBLIGS	
Alarms:		
otion Alarm	Motion Alarm	
	Alarm priority: 1 Alarm is enabled Alarm Schedule is 'Always'	
	Alarm triggered when motion detected on camera SightSensor HD HD236-220 Networ	
	Alarm is linked to camera SightSensor HD HD236-220 Networ	
	Alarm recipients are Administrators	
	🖒 Edit	
	Delete	
	r Add	
	Clo	se

## **Setting Rules**

After you've added alarm settings, you may add rules to perform an action (e.g. add Bookmark) when an alarm triggers.

• From the Setup window, click Rules



• Select Motion detection started, then Next.



- Select Create Bookmark as the action.
- Click "any camera" to select the SightLogix device.

tule Setup	
ielect Rule Action(s)	
Select the action(s) for the rule	
User Notification Actions	<u> </u>
Display on-screen message	
Send patification to Control Monitoring Station	
Start live streaming	
Create Bookmark	
Open a saved view	
Start live streaming on a virtual matrix monitor	
Open a map on a virtual matrix monitor	-
When motion is detected on <u>any camera</u> , create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the camera linked to</u>	<u>the event</u> ,
Previous Nex	t Cancel

- Click Next.
- Review your rule setup at the bottom of the window and click Next.

tule Setup		
elect Rule Condition(s)		
Select the condition(s) to be met for	this rule to run	
Device Events		-
Digital input is active		
When motion is detected on camera	'SightSensor HD HD236-220 Networ',	-
create bookmark for <u>0 minutes 30 se</u>	conds with protection off on the camera linked to the event,	
		_
	I Previous Next Cance	1
		-

• Provide a name and click Finish.

elect Rule Properti	es		
Rule	Name:	Motion Bookmark	
Rule	Description:	HD Bookmark	
Sche	dule:	Always 🗾 🖉	
		Rule is enabled	
Mhan motion is data-r	ted on camera	'SinhtGeneng HD HD 236-220 Nature'	
When motion is detect	ted on <u>camera</u> ) minutes 30 se	'SightSensor HD HD236-220 Networ', conds with protection off on the camera linked to the even	ut,
When motion is detect reate bookmark for <u>0</u>	ted on <u>camera</u> ) minutes <u>30 se</u>	<u>'SightSensor HD HD236-220 Networ',</u> aconds with protection off on the camera linked to the even	nt,
When motion is detect create bookmark for Q	ted on <u>camera.</u> ) minutes 30 se	<u>'SightSensor HD HD236-220 Networ',</u> conds with protection <u>off</u> on <u>the camera linked to the ever</u>	nt.
When motion is detect create bookmark for Q	ted on <u>camera</u> ) minutes <u>30 se</u>	<u>'SightSensor HD HD236-220 Networ',</u> econds with protection <u>off</u> on <u>the camera linked to the ever</u>	ut.
When motion is detect create bookmark for <u>Q</u>	ted on <u>camera</u> ) minutes 30 se	<u>'SightSensor HD HD236-220 Networ</u> ', <u>econds</u> with protection <u>off</u> on <u>the camera linked to the ever</u>	nt,
When motion is detect create bookmark for Q	ted on <u>camera</u> ) minutes 30 se	<u>'SightSensor HD HD 236-220 Networ'</u> , aconds with protection off on the camera linked to the even	ıt.
When motion is detect create bookmark for <u>0</u>	ted on <u>camera</u> ) minut <u>es 30 se</u>	<u>'SightSensor HD HD236-220 Networ'</u> , <u>conds</u> with protection <u>off</u> on <u>the camera linked to the ever</u>	nt,

• Check the alarms under Search Alarms/Motion/Events



## **Configuring Luxriot**

Last Modified on 10/10/2018 11:52 am EDT

```
Tested with Luxriot 2.5.8
Tested with SightLogix Firmware 10.10.29 and 15.4.48
```

## Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

🗴 Camera Configuration [SL-	12012]		-	×
• <b>•</b>	Network Ethernet Wireless Camera MPEG JPEG Tracker We	eb Server		
SL-12004	Camera Description New	ew Camera Test		
SL-12176	Imager Type IR	L v		
SL-12987	Time Zone FST	ST SEDT		
SL-13276	Auto Focus			
ັ້ SL-5834	Manual Focus 409	96.000000		
SL-6855				
Saturn Plant	Hi Def Day/Night Mode Re	eserved v		
	Sunset Offset (min.) 0			
	Sunrise Offset (min.) 0			
	Motion On Event Servers			
	Motion Off Event Servers			
	VMS Type ON	NVIF H. 264 V	>	
	Enable Event Audie			
	Enable Opto In	]		
	Relay Out Mode Dis	sabled $\lor$		
	Disable Stabilizer In Night Mode 🗌	]		
	Trailer Controller IP			
		Alarm Test		
< >	I Sav	ave Cancel		

#### Adding Devices with WebConfig

• In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4

sightlogix	CAMERA (SL-12012)					
NETWORK						
CAMERA	Camera Description	New Camera Test				
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Time	(U.S, Canada, Bahamas, Haiti)			•
POLICY	Camera GPS Location		Geolocate			
MPEG / JPEG		Auto Comos with 150	- Curries Offert (min)		Everat Offect (min)	
TRACKER	Day/Night Mode	Auto Sense with LED	0		0	
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIF H.264	•	Relay Out Mode	Disabled	÷
INFO	Motion On Event Servers	Custom				
CAMERA NEIGHBORHOOD						
ONLINE HELP		protocol:// <ip address=""></ip>				
LOGOUT	Motion Off Event Servers					
		Alarm Test				
	Last Clip Timestamp					
	Anti Flicker	Outdoor Mode	•			

## Adding a SightLogix Device to Luxriot

Sightlogix devices are added using the Camera Setup Wizard. The Camera Setup Wizard assigns names and sets up motion detection for each device. Recording settings also use the Camera Setup Wizard.

• In Luxriot, right-click the Video link from the left-side navigation to start the Camera Setup Wizard.



Select Network Devices(IP Cameras, Video Server) under Add New Devices, and click Next.

t up. Press Next to
e Name
Source
ext :

• Enter a Device title for your camera and click *Next*.

Camera Setup Wizard - [admin@localhost]	
Camera device properties Set up camera device properties	
Please configure the Device <u>t</u> itle:	device and set up video device options. Click Next to proceed then.
Sightlogix HD	
Properties	This allows to tune device specific properties. Note that changes of the options have effect immediately.
Delete	The device is dynamic and can be deleted.
	<ul> <li>Device is disabled on server, no data grabbing happens</li> <li>Device output is hidden, not listed as available</li> </ul>
	< <u>B</u> ack <u>N</u> ext > Cancel

• Select Generic for the Manufacturer and choose ONVIF Compatible for the model. Click OK.
lodel	External PTZ Co	ntrol	Audio	Dewarp	Video Analytics
Please additio	choose device vo nal property pages	endor s.	and mo	del and pre	ess Apply to show
Mar	ufacturer	~	Mo	del	
(Emu (Gen 3601 3sVia 4XEI A&H A&H A&H A&H ACT Acut Acut Acut Air Li Ame Amg Appr	ilation] eric] Vision d ystems ordance i nen Vista vista vista ican Dynamics 5 Systems o		C J F F	Custom Cor PEG/MJF INVIF Com ISIA Comp ITSP Com	nfig YEG Compatible Inpatible atible patible

• The Properties window opens. Enter the camera IP address, and enter the default User Name *service* and default Password *test1234*. Click *OK*.

Frame A	djustments	Audio Eve	nts 🦷 🤅	Substream
Model	External PT2	Z Control 🛛 Dewar	p Vide	o Analytics
Access	Video Input	Digital Outputs	Video C	onfiguration
Netwo 192.1	ork <u>H</u> ost Name 168.50.143	or IP Address:	P <u>o</u> rt: 80	Ŵ
<u>U</u> ser I	Name:	Password:	_	
servi	ce	*******		
Pingl		Dence in Diomsei		
<u>Ping L</u>	s that it may be	necessary to configu	re additiona outer, firew	al port all and/or

• You are returned to the Camera Setup Wizard, as shown. Click Next to open the Alarm Settings window.

<b>Camera device p</b> Set up camera	oroperties device properties
Please configure the Device <u>t</u> itle:	e device and set up video device options. Click Next to proceed then.
Sightlogix HD	
Properties	This allows to tune device specific properties. Note that changes of the options have effect immediately.
Delete	<ul> <li>Device is disabled on server, no data grabbing happens</li> <li>Device output is hidden, not listed as available</li> </ul>

### **Enabling Video and Motion Detection**

• Select the Camera Motion Detect radio button and click Next.

Motion analysis Set up motion information analysis f	ior video stream
Use controls below to set up motion ana devices. Click Next to proceed then.	lysis and detection for the video feed from capture
O No Motion Det	
Camera Motion Detect	
The motion analysis will be fulfilled recommended for network camera: model. Please configure motion an	by a capable edge device (camera); the option is s and is subject to availability depending on device alysis device-dependent option in camera properties.
◯ Software Motion D€	
The motion detection will take plac sensitive to input image quality and recommended for raw video frame	e in Luxriot VMS server software; software analysis is d availability of CPU resources, the option is grabber hardware.

• Check the Video and the Video Motion Information boxes and click Next.

Camera Setup Wizard - [adming	@localhost] 🛛 🔀
Data recording Set up data recording feature pro	operties
Please set up recording properties an disk, Use Global Recording Properties Click Next to proceed.	d select data streams you would like to have recorded to s button to review archive disk drives and space quotas.
Stream Type	Comment
<ul> <li>✓ Video</li> <li>✓ Video Motion Information</li> </ul>	Advanced properties
<	
	Global Recording Properties
	< <u>B</u> ack <u>N</u> ext > Cancel

• The Action Summary window opens. Review the information and click Next.

Action summary Review selected action details	
The wizard is ready to apply changes to serve Press Next button to apply the changes.	er. The summary of the changes is shown below.
Action: Add new camera	
Camera: Sightlogix HD [Media Source\029] Enabled: Yes Visible: Yes Software Compression: None Motion Analysis: Enabled Record Video: Yes Record Motion Information: Yes Record Audio: No Record Events: No	

• The Camera Setup Wizard is complete. Click Finish.



### Viewing Archived Video and Checking Alarms

• Click the SightLogix device's archive from the left-side navigation. The archive name matches the camera name previously defined.



• The video archive opens, with bookmarks of alarms, as shown.



Ready

Paused Playing: 10/4/2017 4:34:50 PM Showing: 10/4/2017 4:34:49 PM

# **Configuring Milestone XProtect**

Last Modified on 09/16/2021 2:45 pm EDT

Tested with Milestone 2020 R3 Tested with SightLogix Firmware 10.10.85 and 16.0.30

# Add SightLogix Devices as an ONVIF Device

#### Adding Devices Using SightMonitor

If you are using SightMonitor to manage your SightLogix device, follow these steps. If you are using WebConfig, scroll to the next section.

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

🗡 Camera Configuration [	SL-12012]	-	×
	Network Ethernet Wireless Camera MPEG JPEG Tracker Web Server		
SL-12004	Camera Description New Camera Test		
SL-12176	Imager Type IR 🗸		
SL-12987	Time Zone ESTSEDT		
SL-13276 SL-5063	Auto Focus		
(0) SL-5498			
SL-5834	Manual Focus 4096.000000		
aquila 1607			
	Hi Def Day/Night Mode Reserved		
	Sunset Offset (min.)		
	Sunnse Onset (min.) u		
	Motion On Event Servers		
	VMS Type QNVTE H.264		
	Enable Event Audie		
	Enable Opto In		
	Relay Out Mode Disabled 🗸 🗸		
	Disable Stabilizer In Night Mode		
	Trailer Controller IP		
	Alarm Test		
< >>	🖽 Save Cancel		

#### Adding Devices Using WebConfig

If you are using WebConfig to manage your SightLogix device, do the following.

• In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4

sightlogix*	CAMERA (SL-12012)		
NETWORK			
CAMERA	Camera Description		
CALIBRATION	Time Zone Custom Time Zone	(GMT-05:00 DST) Eastern Time (U.S, Canada, Bahamas, Haiti)	•
POLICY	Camera GPS Location	40.323296,-74.632210 Geolocate	
MPEG / JPEG	Day/Night Mode	Auto Sense with LFD T Sunset Offset (min) Sunset Offset (min)	
TRACKER			
WEB SERVER	Next Day/Night Event		
MAINTENANCE	VMS Type	ONVIF H.264 • Relay Out Mode Disabled	
INFO	Motion On Event Servers	Custom	
CAMERA NEIGHBORHOOD			
ONLINE HELP			
LOGOUT	Motion Off Event Servers		
		Alarm Test Visible Clip 3.2MB Thermal Clip 729.3KB	
	Last Clip Timestamp		
	Anti Flicker	Outdoor Mode •	

Now that the VMS type has been set in either SightMonitor or Webconfig, you next add devices to Milestone as hardware units.

• From the Milestone Xprotect Menu Tree, select Recording Server on left, then right-click on the VMS server in the middle panel and select "Add Hardware", as shown.



• Select Manual and click next, as shown.

	Add Hardware	
	Add Hardware	
$\times$	This wizard helps you detect and set up hardware.	
JYA	Hardware detection method:	
	<ul> <li>Express (recommended) Automatically detects hardware on the recording server's local network</li> </ul>	
	Address range scanning     Scans defined network address ranges and detects hardware models	
	<ul> <li>Manual Detects hardware models for manually entered IP addresses and host names</li> </ul>	
	Remote connect hardware     Add hardware connected via a remote connect server	
milestone		
Help	< Back Next > Cancel	

- Milestone 2020 R3 does not work with default ONVIF username/password.
  - Instead, configure the ONVIF username and password via WebConfig (or SightMonitor/CS) and enter these credentials when adding the camera.

		Add Hardware	_ <b>_</b> X
Opt	ionally, specify additional user credentia	Is to connect with if the hardware is not using the factory defaults.	milestone
Inclu	de Username	Password	Add
	(Factory default)	••••••	Remove
	service	••••••	—
	Help	< Back Next >	Cancel

• Select ONVIF, and click Next.

Add Hardware		_ <b>D</b> X
Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.		milestone
■       Action         ■       AxIS         ■       Bosch         ■       Bickcom         ■       Bickcom         ■       Canon         ■       Harwha         ■       HikVision         ■       Infinova         ■       Infinova         ■       Infinova         ■       IREye         ■       LG Electronics         ■       Milestone         ■       Mototix         ■       Panasonic         ■       Pelco         ■       Samsung	< 11	Clear All
Help K Back Next >		Cancel

- XProtect will detect the hardware. Click Next.
- XProtect will collect Camera Info. Click Next.
- Keep all default settings and click Next.
- Select and add to group, as shown.

	Add Hardware	_ <b>D</b> X
Select a defaultgroup for all devices types. Alternatively, select device group individually	or each device.	milestone
Default camera group:	Devices Add to Group	
testgroup	Cameras	
Default microphone group:	🖘 SightLogix SightSensor HD332-220 Networ Default Group	~
No group selected	👒 SightLogix SightSensor HD332-220 Networ Default Group	¥
Default speaker group:	Select Group	
No group selected		
Default metadata group:	E-™ Cameras └────────────────────────────────────	
Default input group:		
Default output group: No group selected		
Help		Cancel

• Click Finish. A successfully added camera appears as shown. If you have a SightSensor HD, the visible and thermal sensors will be added as two cameras from the same IP address.

♦	Milesto	ne XProtect Management Client 2020 R3	_ <b>_</b> ×
File Edit View Action Tools Help			
🗄 🦻 🚱 🗢 🛍			
Site Navigation 🗢 🐺 🗙	Recording Server 🚽 🖗	Properties	- #
WHIPEODETION - 102.3)     Constraints     Constraints	<ul> <li>■ ① Recoding Service</li> <li>■ Only Recoding Service</li> <li>■ Septemp Service</li> <li>■ S</li></ul>	Hadwate infomation Name: SigHungin: SigHSensor HD032-220 Network C (192168:50141) Description: Model Model SigHungin: SigHSensor HD032-220 Network C SenigHungin: SigHSensor HD032-220 Network C Senig	
Smart Wall		UNVIE Conformant Device (2-16 channels)	¥
View Groups	< 111 >	🚺 Info 🚳 Settings 🕂 PTZ 🎈 Events	
Management Client Profiles	Preview		+ # ×
Masi     Mata     Mata	Live 150A-108	2238 2236 220 Newsel: C 192. Sept.	244: 320-240 6F8

### **Setting Alarms**

Once you've added cameras, create and configure alarms as follows.

- Select Recording Server -> Camera -> Event tab.
- Add Motion Started/Motion Stopped event, as shown.

٥	Milestone XProtect Management Client 2020 R3		x
File Edit View Action Tools Help			
8 9 🛛 🗢 🛱			
Site Navigation 👻 🔻 🗙	Recording Server 🗸 📮 Properties	,	- 4
WALHPEDGATOH (-D3a)     Consectionation     Consectionation     Consectionation     Consectionation     Consectionation     Consectionation     Consection     Conseco	Configured work:     Soft Logis System H033220 Net     Soft Logis System H033220     Soft Logis System H03220     Soft H		
Site Navigation Federated Site Hierarchy	SightLogix SightServior HD332-220 Network C (192.		_

• Click Save



- Go to Alarm Definitions under Alarm on left-side navigation menu.
- Right Click Alarm Definitions in the middle panel and choose Add New.



• In the Properties Table, select Device Events under Triggering event, select Motion Started Driver, and click the Select button to select the camera which will send the alarm.

<b>♦</b>		Milestone XProt	tect Management	Client 2020 R3		_ 0 X	¢
File Edit View Action Tools Help							
日 🤊 🕜 🗢 曲							
Site Navigation 🚽 👎 🗙	Alarm Definitions 🚽 🔻	Alarm Definition Information				-	
View Groups	🖻 🧶 Alarm Definitions	Alarm definition					
- Smart Client Profiles	- 🛃 Alarm Definition	Enable		7			
Management Client Profiles		LINDO.					
Matrix		Name:		192.168.50141 HD Visible Alarm			
E D Rules and Events			Select Sources	×			
Hules		_					
Notification Profiles	Groups Servers	5		Selected:		<u> </u>	
User-defined Events		0664TDH		SightLogix SightSensor HD332-22			
Analytics Events	🚊 🧰 testgr	roup					
- 🍖 Generic Events		ghtLogix SightSensor HD:					
🗏 🐗 Security		ghtLogix SightSensor HD:				~	Ξ
- Roles				1	Salar	4	
Basic Users							
System Dashboard			Pamova	1			
Sustan Monitor			Remove	1		~	
System Monitor Thresholds					1		
2 Evidence Lock					Selec		
Configuration Reports					Selec	t	
- Figure Cogs	< III	2		< III >			
🖻 🍟 Metadata Use							н
- 💐 Metadata Search				OK Cancel			
Recess Control							
Transact		Alarm manager view.		O Smart map			
Transaction definitions				Man			
E & Alarms							
- 🧏 Alarm Definitions		Related map:				~	
🕺 Alarm Data Settings 🗸 🗸		Operator action required					
		Time limit:		1 minute		~	
Site Navigation Federated Site Hierarchy					1		×

- Click Save.
- You may also use Rules in the left menu panel to create actions, for example, to start recording when an alarm is triggered.
- When an alarm is triggered, you should see alarms under Alarm Manager in Smart Client, as shown.



# **Configuring Luxriot EVO**

Last Modified on 10/10/2018 11:52 am EDT

Tested with Luxriot EVO V1.6.0.20768 Tested with SightLogix Firmware 10.10.61, and 15.6.85

### Add SightLogix Devices as an ONVIF Device

### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.
- Click Save
- The SightLogix camera will restart.

🔀 Camera Configuration [S	L-5063]	
<b>]</b>	Network Ethernet Wireless Camera MPEG JPEG Trad	ker Web Server
Gen2_23_DS100	Camera Description	New Camera
SL-5063	Imager Type	IR v
SL-5108	Time Zone	ESTSEDT
SL-6855	Auto Focus	
	Magual Forus	4005-000000
	Manual Pocus	4050.00000
	Motion On Event Servers	E.
	Motion Off Event Servers	
	VMS Type	ONVIF H. 264
	Enable Event Audio	
	Enable Opto In	
	Relay Out Mode	Disabled
	Trailer Controller IP	
		Alarm Test
۰ III +		Tancel

### Adding Devices with WebConfig

• In WebConfig, click the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

sightlogix	CAMERA (SL-12012)		
NETWORK			
CAMERA	Camera Description	New Camera Test	
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Time (U.S, Canada, Bahama	rs, Halti) 🔹 🔹
POLICY			Contracto
MPEG / JPEG		40.323296,-74.632210	
TRACKER	Day/Night Mode	Auto Sense with LED	e Ultset (min) Sunset Ultset (min) 0
WEB SERVER	Next Day/Night Event		
MAINTENANCE	VMS Type	ONVIF H.264	Relay Out Mode Disabled •
INFO	Motion On Event Sequer	Gustom	
CAMERA NEIGHBORHOOD	Motion On Event Servers	•	
		rotocoi:// <ip address=""></ip>	
	Motion Off Event Servers		
		Alarm Test Visible Clip 3.2MB	
	Last Clip Timestamp		
	Anti Flicker	Outdoor Mode 🔹	

- Click Save.
- The camera will reboot.

### Adding a SightLogix Device to Luxriot EVO

• Login to LuxRiot EVO, click on the upper left menu and select Device, then click New Device button.

Configuration	n > Devices	erver					admin 上 C
onfiguration	New device	Edit Assign group	View channels	/IP PORT	HARDWARE ID		
Users							
Devices	1	• Device *					- • ×
Channels		Device	Details				
Recording		A Membership	Title		0		
Layout templates			Device name				
			Model		Select Model		
						ОК	Cancel

- Enter the camera's information and click Select Model.
- Choose ONVIF Compatible as device model and click Ok.

tiguaton I severes I tit      Device I configuraton I configuration I c	Veve channels	€) ⊙ Configura	tion > Devices			admin 💄 C Searc
Servers The Device Gendod   Uvers The Device Gendod   Channels Recording   Lupor templates Device Gendod   Uver podcasts Membership   Gendod Select Model   Vision Model   Generici Overse   Stein Stein   Generici Overse   Stein Stein   Stein Stein   Stein Stein   Stein Stein   Stein Stein   Stein Stein   Stein Niciti   Stein Stein   Stein Niciti	DEL HOSTAP PORT HANDWARE ID	figuration	New device     Fdit     Assign group     V	iew channels		
Uter: Uter: Channels: Recording Dup deasts: If Use podeasts: If Use podeasts: If Use podeasts: Configuration Configur	Details  Title  Gen35 Deteiner same  Model  Select Model	Servers		1007.00		
Devices Devices   Channels:   Recording   Layout templates   Live podcasts     Ventoring   (Generalic)   Ventoring     (Generalic)   Ventoring     (Generalic)     Ventoring     (Configuration     Numbership     (Envice)     Ventoring     (Generalic)     Ventoring     (Generalic)     Ventoring     (Generalic)     Solice Model     (Generalic)     Ventoring     (Generalic)     Ventoring     (Generalic)     Solice Model     (Generalic)     Ventoring     (Generalic)     Solice Model     (Generalic)     Ventoring     (Generalic)     Solice Model     (Generalic)     Solice Model     (Generalic)     Solice Model     (Generalic)     Solice Model     (Generalic)     (Generalic)     Solice Model     (Generalic)     (Generalic)     Solice Model     (Generalic)     Sol	Details         Title         Gen35         Detrice name         Model         Select Model         Gendis         Model         Gendis         Model         Gendis         Model         Gendis         Model         Gendis         Model         Gendis         VENDOR         Model         Generici         Generici         Generici         Generici         JaVision         N1011         JaVision         JaVision         N1022         JaVision         JaVision         N1031         JaVision         N1032	Users	Inte Devices/Model	HUSI/IP PORI	BARDWARE ID	
Device Details     Channels     Recording     Layout templakes     Live podcasts     Model     Model     VENDOR     VENDOR <td>Details         Title         Gen35         Detice name         Model         (Emulation)         VENDOR         (Generic)         OK Cancel         OK Cancel</td> <td>Daviour</td> <td>Device Gen3S*</td> <td></td> <td></td> <td>- 🗆 ×</td>	Details         Title         Gen35         Detice name         Model         (Emulation)         VENDOR         (Generic)         OK Cancel         OK Cancel	Daviour	Device Gen3S*			- 🗆 ×
Chandes Recording Layout templates Live podcasts Model Model Select Mo	Title         Gen35         Dreice name         Model         Model         Select Model         Veloce model     <	Devices	Device	Details		
Recruing   Layout templates   Live podcasts     Model     Model     VehDoR     Model     VehDoR	Title  Select Model  Model  Model  Model  Select Model  Model  Select Model  Model  (Generic)  Generic)  Generic)  Generic)  Generic)  Generic)  Custom Config  Generic)  C	Channels				
ayout templates ive podcasts Worder  Select Model  VENDOR  VENDOR  VENDOR  Model    Kontorig  Kontorig Kontorig  Kontorig Kontorig Kontorig  Kontorig Kontorig Kontorig Kon	Detice name Model Select Model Select device model VENDOR VENDOR VENDOR (Emulation) (Emulation) (Generic) (Gene	Recording	A Membership	Title		
Live podcasts       Model            Model	Model  Model  Select Model  Se	Layout templates		Device name		
Configuration       Select Model         Model       Image: Select Model         VENDOR       MODEL         VENDOR       MODEL         VENDOR       MODEL         (Emulation)       Video File         (Emulation)       Video File         (Generic)       Custom Config         (Generic)       R1SP Compatible         (Generic)       R1SP Compatible         (Generic)       N1011         3xVision       N1011         3xVision       N1011         3xVision       N1012         3xVision       N1031	Select Model         Select device model         VENDOR         VENDOR         VENDOR         MODEL         (Emulation)         JPEG File         (Generic)         Compatible         (Generic)         ONVIF Compatible         (Generic)         Available models         OK         Cancel	Live podcasts		Model		
Configuation         N001           Configuation         N1021           3Vision         N1031           3Vision         N1031           3Vision         N1031           3Vision         N1031           3Vision         N1031           3Vision         N1031	Select device model       -       C         Available models       Q         Available models       MODEL         (Emulation)       JPEG File         (Emulation)       View File         (Generic)       Custom Config         (Generic)       DVE/GN-JPEC Compatible         (Generic)       RTSP Compatible         (Generici)       External Source         3aVision       N1011         3sVision       N1012         3sVision       N1031         3sVision       N1037         OK       Cancel				Select Model	
Select device model	Select device model       C         Available models       Q         Available models       MODEL         (Emulation)       JPEG File         (Emulation)       Video File         (Generic)       Custom Config         (Generic)       JPEG/KM-JPEG Compatible         (Generic)       RTSP Compatible         (Generic)       External Source         3aVision       N1011         3sVision       N1012         3sVision       N1031         3sVision       N1032         3sVision       N1031         3sVision       N1031			Model		_
Available models         VPNDOR         MODEL           VPNDOR         MODEL         (Emulation)         JPEG File         (Emulation)         Vdee File         (Emulation)         (Generic)         (Generi	Available models         VENOR       MODIL         (Emulation)       JPEG File         (Emulation)       Video File         (Generic)       Custom Config         (Generic)       JPEG/M-JPEG Compatible         (Generic)       ONVE Compatible         (Generic)       External Source         3sVision       N1011         3sVision       N1012         3sVision       N1031         3sVision       N1031         3sVision       N1031         3sVision       N1072			Select device model		
VENDOR         MODEL           VENDOR         MODEL           (Emulation)         JPEG File           (Emulation)         Video File           (Emulation)         Video File           (Generic)         Custom Config           (Generic)         ONVIF Compatible           (Generic)         ONVIF Compatible           (Generic)         Strainal           3straina         N1011           3straina         N1012           3straina         N1031           3straina         N1072	Available models         MODEL         (Emulation)       JPEG File         (Emulation)       Video File         (Generic)       JPEG/M-JPEG Compatible         (Generic)       ONVIF Compatible         (Generic)       External Source         3sVision       N1011         OK       Cancel					Q
Available models           VENDOR         MODEL           (Emulation)         JPEG File           (Emulation)         Video File           (Generic)         Custom Config           (Generic)         ONVIF Compatible           (Generic)         RTSP Compatible           (Generic)         External Source           (Generic)         N1011           OK         Cancel           Stristion         N1032           Stristion         N1072           Montoring         UK	Available models       VENDOR     MODEL       (Emulation)     JPEG File       (Generic)     Cutom Config       (Generic)     DVEG/M-JPEG Compatible       (Generic)     ONVIF Compatible       (Generic)     RTSP Compatible       (Generic)     External Source       34Vision     N1011       34Vision     N1031       34Vision     N1031       34Vision     N1031					
VBOOR         MODEL           (Emulation)         JPEG File           (Emulation)         Vdeo File           (Emulation)         Custom Config           (Generic)         Custom Config           (Generic)         ONVIF Compatible           (Generic)         RTSP Compatible           (Generic)         External Source           3V/Sion         N1011           3V/Sion         N1021           3V/Sion         N1021           3V/Sion         N1021           3V/Sion         N1021           3V/Sion         N1021           SV/Sion         N1021           3V/Sion         N1021           SV/Sion         N1021           OK         Cancel	VENDOR MODEL  (Emulation) JPEG File  (Emulation) Video File  (Generic) Custom Config  (Generic) JPEC/NJPEC Compatible  (Generic) RTSP Compatible  (Generic) External Source  3aVision N1011  3sVision N1012  SaVision N1031  3sVision N1032  CK Cancel			Available models		
configuration         JPEG File         Cancel           (Emulation)         Video File         Custom Config           (Generic)         JPEG/M-JPEG Compatible         Compatible           (Generic)         OK/IF Compatible         Configuration           (Generic)         Silvision         N1011           3vision         N1012         OK           Silvision         N1031         Total Compatible           Silvision         N1031         Total Compatible           Silvision         N1031         Total Compatible	(Emulation)     JPEG File       (Emulation)     Video File       (Generic)     Custom Config       (Generic)     JPEG/S/M-JPEG Compatible       (Generic)     RTSP Compatible       (Generic)     External Source       3aVision     N1011       3aVision     N1022       3sVision     N1031       3sVision     N1032       Vision     N1072			VENDOR	MODEL	
Kontoring         (fmulation)         Video File           (fmulation)         Video File         (Generic)         Custom Config           (Generic)         OVF/Compatible         (Generic)         R1SP Compatible           (Generic)         Stremal Source         OK         Cancel           3V/sion         N1011         OK         Cancel           Sivision         N1012         OK         Cancel	(Emulation)     Video File       (Generic)     Custom Config       (Generic)     JPEG/M-JPEG Compatible       (Generic)     ONVE Compatible       (Generic)     External Source       3xVision     N1011       3xVision     N1012       3xVision     N1031       3xVision     N1072			(Emulation)	JPEG File	î
Konkoring         (Generic)         Custom Config         (Generic)         (JPEG/M-JPEC Compatible         (Generic)         (Generi	(Generic)     Custom Config       (Generic)     JPEC/N-JPEC Compatible       (Generic)     RTSP Compatible       (Generica)     External Source       3sVision     N1011       3sVision     N1022       3sVision     N1031       3sVision     N1072			(Emulation)	Video File	
Configuration         (Generic)         JPEG/M-JPEG Compatible           (Generic)         ONV/F Compatible         (Generic)           (Generic)         RTSP Compatible         (Generic)           (Generic)         External Source         (Generic)           3sVision         N1011         OK           Solvision         N1012         OK           Solvision         N1031         Solvision           Solvision         N1031         OK           Configuration         Solvision         N1072	(Generic)     JPEG/M-JPEG Compatible       (Generic)     ONVIF Compatible       (Generic)     RTSP Compatible       (Generica)     External Source       3sVision     N1011       3sVision     N1021       3sVision     N1031       3sVision     N1072			(Generic)	Custom Config	
Configuration         (Generic)         ONVIF Compatible         OK         Cancel           34Vision         N1011         OK         Cancel           34Vision         N1012         OK         Cancel           34Vision         N1031         OK         Cancel           34Vision         N1031         OK         Cancel	(Generic)     RTSP Compatible       (Generica)     External Source       3sVision     N1011       3sVision     N1012       3sVision     N1031       3sVision     N1072			(Generic)	JPEG/M-JPEG Compatible	
Kontoring         (Generic)         RTSP Compatible            (Generic)         External Source            3vlkion         N1011            3vlkion         N1012            Silvision         N1031            Silvision         N1031            Configuration         Silvision         N1072	(Generic)     RTSP Compatible       (Generica)     External Source       3sVision     N1011       3sVision     N1012       3sVision     N1031       3sVision     N1072			(Generic)	ONVIF Compatible	
Image: Second	(Generics)     External Source       3sVision     N1011       3sVision     N1012       3sVision     N1031       3sVision     N1072			(Generic)	RTSP Compatible	
Salvision         N1011           33Vision         N1012           33Vision         N1012           33Vision         N1031           33Vision         N1031           33Vision         N1072           Montoring         OK	3sVision N1011 3sVision N1012 3sVision N1031 3sVision N1072 OK Cancel			(Generics)	External Source	
Skylion         N102         Ok         Cancel           Skylion         N1031	3sVision N1012 3sVision N1031 3sVision N1072 OK Cancel			3sVision	N1011	OK Could
3sVsien         N1031           Configuration         3sVsien         N1072           Monitoring         OK         Cancel	3sVision N1031 3sVision N1072 v OK Cancel			3sVision	N1012	OK Cancel
Configuration N1072 v Monitoring OK Cancel	3sVision N1072 v			3sVision	N1031	
Monitoring OK Cancel	OK Cancel	Configuration		3sVision	N1072	~
Montoring OK Candel	UK Cancer	Manhadan				
		Monitoring			OK Ca	ncer

• Select Network on left. Enter the camera's IP address. Username/password is *service/test1234*.

Device Gen3S*		- 🗆 ×
Device	Network	
<ul> <li>Details</li> <li>Membership</li> <li>Network</li> </ul>	Host 192.168.50.121 Host name or IP address Root	
다 Channels	80         Port number         Username         service         Username to access the device         Image: The password         Password to access the device         Open device in browser         Ping device	
	ОК С	ancel

• The is camera added, as shown.

Luxriot EVO Management Cons	ole - localhost - LuxRot EVO Server		- 8 ×
Configuratio	n > Devices	admin 👤 C Search	৹
Configuration	+ New device • Edit Assign group View channels		
Servers			
L Users	Genals (Generic) ONVIF Compatible 192.168.50.121 80		
Devices			
E Channels			
Recording			
Layout templates			
Live podcasts			
E Configuration			
Monitoring			
🛄 Audit	Recently added 1 Recently undated 0 Groups 0 Devices 1		

**Note for SightSensor HD**: The above steps will only add the visible stream to LuxRiot. To add the thermal video, follow the next steps

- Go back to the upper left menu and select Devices
- Click New device button

Configuration	n > Devices				admin	L C Search	۹
Configuration	+ New device *	Edit Assign group View	channels				
Servers	TITLE	DEVICESMODEL	UDET ID DOT MARMAN				
L Users			1997/2011/01/10/02/2011				
Devices		Device *			×		
Channels		Device	Details				
Recording		/ Details	Title				
Layout templates		A Membership	0				
V live podcasts			Model				
-			0	Select Model			
			Model				
					OK Cancel		
		L				1	
E Configuration							
2 Monitoring							
II Audt							
	Recently added, 0	Recently updated, 0 Groups.	0 Devices, 0				

- Enter the camera's information. To avoid confusion, consider naming this camera similar to the previous camera added, followed by "Thermal".
- Click Select Model. Camera type is RTSP Compatible.
- Click OK.

📒 Luxriot EVO	) Management Console - localhost - L	uxRiot EVO Server			- 🗆 🗙
	Configuration > Device	S	admin 💄 C	Search	৹
Configuration	Device SightSensor HD Thermal*			×	
conngaradori	Device	Details			
Servers Servers	🖋 Details	🔲 Select device model		×	
L Users	Membership		c	2	^
Devices		Available models			
Channels		VENDOR	MODEL		
Recording		(Emulation)	JPEG File	^	
Layout te		(Emulation)	Video File		
Ed the read		(Generic)	Custom Config		
B. Live poor		(Generic)	JPEG/M-JPEG Compatible		
		(Generic)	ONVIF Compatible		
		(Generic)	RTSP Compatible		
		(Generics)	External Source		
		3sVision	N1011		
		3sVision	N1012		
		3sVision	N1031		
		3sVision	N1072	~	
			OK Cancel		
🔛 Configur					
Monitorir				OK Cancel	
🛄 Audit					~
	Recently	added, 0 Recently updated, 0 Groups, 1	Devices, 21		

- On the main window, Select Channels from the navigation bar on the left.
- Double-click the camera you just added, and the Channel window will appear.
- Click Channel configuration, and then Open channel properties.

📃 Luxriot EVC	0 Management Console - localhost -	LuxRiot EVO Server	- 🗆 🗙
€€	Configuration > Chan	nels admin 🕹 C Search	৹
$\sim$	🖶 Channel SightSensor HD Therm	nal 🗕 🗖 🗙 🗖	
Configuration	Channel	Channel configuration	
Servers	🏈 Details	Channel properties	^
Users	Members	Manane channel properties	
Devices	Membership	Open channel properties	
Channels	<ul> <li>Permissions</li> </ul>	Open device in browser	
Recording	🖈 Motion detector		
Layout te	📣 Audio		
E Live pode	Channel configuration		
	E Dewarp		
Configur	1	Apply OK Carcel	
Monitorir		nppy OK Carter	~
🕕 Audit	Recentl	y added, 1 Recently updated, 0 Groups, 2 Channels, 20 Detached, 0 Enabled, 8 Disabled, 12	

- Click the RTSP tab, and in the "High" field towards the bottom, enter "/mpeg2".
- Click Apply and OK.

SightSensor HD Thermal Properties	x
Video Input Audio RTSP External PTZ Control	
RTSP Transport Settings	-
Port: 554	
Path to Session Description Protocol File (e.g. /mpeg4/1/media.amp):	
High: /mpeg2	
Low:	
Should be used only for Generic RTSP camera access. (See RFC 2326 for more information)	
OK Cancel App	bly

## **Setting Alarms**

Once you've added cameras, create and configure alarms as follows:

- Select Channels on left and select Camera in the middle, then click the Edit button.
- Change the Main Stream Recording to "Continuous Recording" or "Recording by motion".

€) (⇒) Configura	ation > Channels					admin 上 C Search
nfiguration	+ Create channel group	Edit Assign main :	tream recording configuration	n 👻 Assign group Disable 🕱	1 selected	
Servers	TITLE DEVICE IN	PORT ENABLED EXTER	INAL AUDIO SOURCE			
Users	T Gen35 Gen35 192.168	.50.121 80 enabled				
Devices		🖶 Channel Gen3S	_			_ = ×
M Channels		Channel	Details			
r Channels		🖋 Details	Title			^
Recording		Wembers	Gen3S			
Layout templates		A Membership	Channel title			
Live podcasts		- Desmissions	Main stream record	ing configuration		
		- ermissions	none	(	Change	
		<b>%</b> Motion detector	Main stream storage	Select recording configuration	- 0	
		Audio	Default	and a second second second second		
		Channel configuration	Storage			~
		E Dewarp	Substream recordin	Available recording configurations		
			none	Title	Туре	
			Substream recording con	Continuous recording	Recording configuration	
			Default	No recording	Recording configuration	
			Substream storage	<ul> <li>Recording by motion</li> </ul>	Recording configuration	
			Edge recording con	f		
			none			
			Edge recording configura			
			Edge storage			v
						lancel
The construction						
g connguratión						
Monitoring				<ul> <li>New recording configuration</li> </ul>	OK Cancel	
J Audit						

• Once you change the Recording setting, it will prompt you to Enable Motion Detection. Click Yes.



### **View Playback and Check Motion Alarms**

• Open LuxRiot EVO Monitor to play back video and check the alarms. Alarms appear as markers on the video recording bar.



# **Configuring Bosch BVMS**

Last Modified on 10/10/2018 11:52 am EDT

Tested with Bosch VMS 7.5 and 8.0 Tested with SightLogix Firmware 10.10.48 and 15.6.85

## Add SightLogix Devices as an ONVIF Device

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

🗴 Camera Configuration [	[SL-12012]		_	×
P	Network Ethernet Wireless Camera MPEG JPEG Tracker	Web Server		
SL-12004	Camera Description	New Camera Test		
SL-12176	Imager Type	IR 🗸		
SL-12987		FOTFEDT		
SL-13276	Time Zone	EST5EDT V		
	Auto Focus			
SL-5834	Manual Focus	4096.000000		
SL-6855				
aquila 1607	Hi Def Day/Night Mode	Reserved ~		
Saturi Plant	Sunset Offset (min.)	0		
	Sunrise Offset (min.)	0		
	Motion On Event Servers			
	Motion Off Event Servers			
	VMS Type	ONVIF H. 264 V		
	Enable Event Audio	2		
	Enable Opto In			
	Relay Out Mode	Disabled $\checkmark$		
	Disable Stabilizer In Night Mode			
	Trailer Controller IP			
		Alarm Test		
< >>	8	Save Cancel		

#### Adding Devices with WebConfig

• In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4

sightlogix	CAMERA (SL-12012)					
NETWORK						
CAMERA	Camera Description	New Camera Test				
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Time (L	J.S, Canada, Bahamas, Haiti)			•
POLICY	Camera GPS Location		Geolocate			
MPEG / JPEG	Dry/Night Mode	Auto Sonco with LED	<ul> <li>Suprise Offect (min)</li> </ul>		Suprot Offset (min)	
TRACKER	Day/Night Mode		0			
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode	Disabled	
INFO	Motion On Event Servers	Custom				
CAMERA NEIGHBORHOOD		protocol:// <in address=""></in>				
	Motion Off Event Servers					
		Alarm Test Vi				
	Last Clip Timestamp					
	Anti Flicker	Outdoor Mode	*			

### Next, add devices individually as ONVIF units.

• Login to BVMS Configuration Client. Under VRM devices select the Video Streaming Gateway (VSG) and right click to add Encoder/Camera. Select ONVIF Encoder.



• Enter the Camera information. Default username/password is service/test1234. Click OK.

Na	ime	Sightlo	gix HD		
Network address / port		192.16	8.50.143	80	*
Cre	dentials				
Us	er name	service	•		
Pa	seword				
	334010	□ Sho	ow password		
Sta	ate		onnecting	Test	
Pro	perties				
-	Device properties				
	Device type		ONVIF		
	Manufacturer				
	Model				
	Firmware version				
=	Interfaces				
	Number of video input of	hannels	1		
	Number of audio input of	hannels	0		
	Number of alarm inputs		0		
	Number of relays		0		
=	Video Streaming Gatewa	ay settings			
	Assigned Gateway char	nnel(s)			
	Use video input 1		L L		

• Save the configuration by clicking Save on upper left.



• Select the Maps and Structure tag (at top) and drag the camera from the left pane into the Logical Tree.



### **Setting Alarms**

Once you've added cameras, create and configure alarms as follows:

- Click the Device tab on top. Select the newly added camera.
- Click the ONVIF Encoder Events tab.
- Click the "+" button to add a new Mapping Table.

Configuration Client (127.0.0.1)			_ 8 ×
System Hardware Tools Reports Settings Help			BOSCH
Devices Maps and Structure Schedules	Recording All Events Allows User Groups		
📄 🦃 🧭 🗶 ৈ 📓 Fallover NVR Manager 🧠	IP Device Configuration	Filter Device Tree	۹. 🕐
Device Tree [12]	ncoder ONVIF Encoder Events ONVIF Configuration		
B	ng Table (nome) 💌 🕂 🧟 🗶 🔛		
Matrix Suitches	Add row Remove row		
Matric Suitches Matric Suitches Cher Devices [1] Control Devices [1] Control Devices [1] Control Devices [1] Control 102 168 50 172 8756 (4] Control 102 168 50 172 8756 (4] Control 102 168 50 172 8756 (4] Control 102 168 50 142) Control 102 168 50 142) Control 102 168 50 143) Control 102 168 50 143 168 168 168 168 168 168 168 168 168 168	Events and Alema OWNE Data Name OWNE Data Name OWNE Data Type OWNE Data Name OWNE		
🎢 Start 🖓 🙋 📜 😌 🌠 🚮 🖳		* 🏳	1:59 PM 10/4/2017

• Enter the information and click OK.

dd Mapping Table	
Mapping Table name	SIGHTLOGIX
Default for following encode	ers
Manufacturer	SIGHTLOGIX

• Highlight Motion Detected in the middle pane. You may add more events to fit your requirements.



- Click the Event tab on top. Select **Motion Detected** under ONVIF Camera Motion Detection on the left menu. Select the newly added camera and under Trigger Alarm Schedule change from Never to Always.
- Repeat this process for Motion Stopped. Select Motion Stopped under ONVIF Camera Motion Detection on the left menu. Select the newly added camera and under Trigger Alarm Schedule change from Never to Always.

ystem Hardware Tools Reports Settings Help								e BOS
Devices Maps and Structure	Schedules	Cameras and Recording	Events A	larms	User Groups			
🗐 🤊 🏉 🗶 🛃 🐴	1						Filter for Events	۹.
Events and Alarms	Settings for 'Motion Detected'							
B BRS/DiBos Devices	Device	Network	Trigger Alarm	Log		Script		
Contract Encoders	Name Comerce 1 (192 169 60 147)	/ Address	Schedule	Schedule	Script	Schedule /		
	Camera 1 (192.168.50.143)	192.168.50.143	Never	Never	(none)	Never		
CHAIN CHAINE COMMENT	Gen3-10.10.29	192.168.50.105	@ Never	Never	<none></none>	( Never		
E Connection State	Gen3S-15.4.28	192.168.50.121	G Day Night	Never	<none></none>	Never		
			Weekend					
- B Mation Detected			Recording 5	-				
Motion Stopped			<ul> <li>Recording 6</li> <li>Recording 7</li> </ul>	-				
- Onvil Generic Data 01								
- Onvil Generic Data 02								
- Onvif Generic Data 03								
E - Recording Mode								
E - Reference Image Check								
🗈 🛶 Storage State								
🕑 🛶 Video Loss								
🐵 🛶 Video Signal Too Bright								
🗈 🛶 Video Signal Too Dark								
🕑 🛶 Video Signal Too Noisy								
🗈 🛶 Visibility								
ONVIF Encoder Relay								
ONVIF Encoder Input								
8- 🌆 NVR Devices								
8 m Encoders Decoders								
B- The VRM Devices								
Allegiant Devices								
System Devices								
ATMPOS Devices								
P P Network Devices								
RTSP/JPEG Devices								
Foyer Card Reader Devices								
Intrusion Panel devices								

• Click Save.

•



• Click Activation button to activate saved configurations.



• Complete the entries and click OK.



## **Viewing Video and Alarms**

Open BVMS Operator Client to view the video and alarms.



# **Configuring IndigoVision**

Last Modified on 10/10/2018 11:53 am EDT

Tested with Indigo Vision 15.1 Tested with SightLogix Firmware 10.10.63 and 15.8.6 (SightSensor HD only tested with Indigo 15.1; earlier version compatibility not guaranteed)

## Add SightLogix Devices as an ONVIF Device

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either IndigoVision MPEG4 or IndigoVision H.264.
- The SightLogix camera will restart.

X Camera Configuration [S	L-6855]		
B- New 745 Alexander Rd	Network Ethernet Wireless Camera MPEG JPEG Tracks	Web Server	
Gen2_DS100	Camera Description	New Camera	
SL-5063	Imager Type	IR v	
SL-5108	Time Zone	EST SENT	
() SL-5560	Auto Encus		
SL-6925	1001000		
	Manual Focus	4096.000000	
	Motion Of Event Servers		
	WMS Type	Indian/isian H. 264	
	Enable Event Audio		
	Enable Opto In		
	Relay Out Mode	Disabled	
	Trailer Controller IP		
		Alarm Test	
< III >>		🖪 Save Cancel	

#### Adding Devices with WebConfig

- In WebConfig, go to the Camera tab and set VMS Type to either IndigoVision MPEG4 or IndigoVision H.264 (note that SightSensor HD only provides the H.264 option).
- Click Save.

sightlogix*	CAMERA (SL-12012)	
NETWORK	Camora Description	Now Compete Tast
CAMERA	Camera Description	
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Time (U.S, Canada, Bahamas, Haiti)
POLICY		
MPEG / JPEG	Camera GPS Location	40.323296,-74.632210 Geolocate
TRACKER	Day/Night Mode	Day (LED off)   Sunrise Offset (min)  0
WEB SERVER	Next Day/Night Event	Inactive
MAINTENANCE	VMS Type	IndigoVision H.264 • Relay Ou
INFO	Motion On Event Servers	· ·
CAMERA NEIGHBORHOOD		
ONLINE HELP		protocol.//
LOGOUT	Motion Off Event Servers	protocol:// <ip address=""></ip>
$\oslash$ $\otimes$		Alarm Test Visible Clip 3.6MB Th
SAVE REVERT	Last Clip Timestamp	Tue Jul 10 16:50:04 2018
	Anti Flicker	Outdoor Mode

Note for SightSensor HD: To stream both profiles simultaneously, you have to clone the camera in control center to show as a second camera in the tree. To do this:

- Delete the camera from the tree first if you added it already
- Click on visible devices, find the camera, press the CTRL key while dragging and dropping the camera to the tree
- Right-click the camera and choose Clone. This creates a second copy of the camera.
- You can now right-click the cloned camera, choose properties, choose "live" tab, and change the streaming profile to profile 2.

### Adding SightLogix Devices to IndigoVision

• Right-click the site in the Site Explorer and select Add Devices.

IndigoVision Control C	Center - administrator			Re.					- 6	×
File View Recording	Device Site Alarms Users	Alarm Groups Filt	ters Tools Help							
🕘 Live 📙 Playbi	ack 🔯 Setup 🕢 🕐	QØ	E 🗙							
Video Explorer			CUADE DC7							
Visible Devices			SHARE+C7							
	ts	IP Address:	192.168.50.214							
10011 Ton Site		Location:	SHARE-PC7							
	New Site	Software:	IndigoVision Network Vide	o Recorder (v1	2.2)					
	New Sequence									
Web Page:	New Salvo	Recording Sc	hedule Recordings Bookn	arks Configu	re Status Statistics Redunda	ncy Access Permission	\$			
	New Guard Tour	Cam	era	Matrix No.	Details	Audio	Status	Mod	e	
	New PA Group	24/7 urn:u	uid:3e54d91e-995c-11e7	Unknown	All the time	×	Disabled	Prim	ary	
	New Video Wall	24/7 urn:u	uid:4f7fea12-995c-11e7	Unknown	All the time	×	Disabled	Prim	ary	
	New Relay									
	New Map									
	Add Devices									
	Add Custom Objects									
	Create Speakers									
	Build Site									
	Device Monitoring Options									
	Manage Audio Messages									
-Video Explorer	Page									
Alerts (3)	Send Audio Message									
[3 Oct 2017 16:57: '[002] Sighti ogix H	Stop Audio Message									
(urn:uuid:4f7fea12	Work Offline									
down.	Descetion									
3 Oct 2017 16:57:	Properties	Dal								
(urn:uuid:3e54d91c-		DEI								
down.	It may have been disconnected or powere	a								
3 Oct 2017 16:57:04]										
<ul> <li>Failed to get the P12 co</li> </ul>	intiguration information for this camera.									
Copy To Clipboard	Clear Help									
Add a map to this site			2 items	(UTC-05:0	0) Eastern Time (US & Canada)		1	0	3	9
			<i>ब</i> ो					~ P* 90.4	4:58	РМ
			· · ·						10/3/	2017

• Input the Sensor Info and select Third Party Cameras as Type.

reer une nume u	nu ir duuress.		
avice Type:	- Cameras		-
Add as doneal	ble		
) <u>D</u> iscovered de	vices:		
Name		IP Address	-
AXIS M	1054	192.168.50.158	E
SightLo	igix_	192.168.50.189	
SightLo	gix_HD220-220	192.168.50.107	
SightLo	gix_HD220-220	192.168.50.117	
SightLo	gix_HD220-220	192.168.50.206	
SightLo	gix_HD220-220	192, 168, 50, 185	
		Selec	t All
Enter device d	etails:		
<u>N</u> ame:	HD Sensor		
IP Address:	192.168.50.143		
Type:	IndigoVision proprietar	y cameras	
	IndigoVision proprietar	v cameras	_

## How to Enable Recording

To create a continuous recording:

- Highlight the SightLogix device in the site explorer window
- Select the Recording Schedule tab
- Right mouse click to create a new Recording Job

O IndigoVision Control Center - administrator	
File View Recording Device Site Alarms Users Alarm	Groups Filters Tools Help
💿 Live 📙 Playback 🧔 Setup 🕢 🔇	
Video Explorer 🛛 🕈 🛍	[001] SightLogix_HD236-220
	IP Address: 192.168.50.143
	Service ID: umuuid:88fcc?bc-s87d-11e7-8fec-6ba74171a9c1
🔄 🛖 [001] Top Site	Location: USA
4 [001] SightLogix_HD236-220	Software: CNWIF Transmitter (v15.4.48)
4 [002] SightLogix_NS160-300	Recording Schedule Recordings Configure Status Access Permissions Surrounding Cameras
SHARE-PC7	There are no items to show in this view.
	New Recording Job
	Enable
	Disable
	Copy to
	Properties
	Delete
≓ Video Explorer 🐥 Alarms Explorer 🤽 Users Explorer	
Alerts (Z) 🕴 🖼	
Failed to get the PTZ configuration information for this camera.	
3 Oct 2017 17:01:04	
Copy To Clipboard Clear Help	
Ready	0 items UTC-05:00) Eastern Time (US & Canada) 🗰 0 💭 0 🔔 2 🤗
📀 ၉ 🔚 🖸 🖉 📧	Superior 10/2017

• The New Recording Job window opens. Complete your options and click OK.

24/7 All the tim	ie (24/7)					
Erom: 18	:00					
Mon	🗸 Tue	√ Wed	🗸 Thu	🗸 Fri	Sat	Sun
Until: 08	:00					
√ On sa	me days as	from time				
			1 Thur	-/ Eri	Sat	Sup
Mon Recording Profile Enabled Record Audic	Tue	(recomme	ended)			
Mon Recording Profile Finabled Record Audic Use camera's Profile Token:	time source	V Wed	ended)		Jur	
Mon Recording Profile Final Profile Content C	v time source profile 1 Name: Hi Token: pr Video: 30 Audio: <1	[√] Wed e (recomme 264 rofile 1 100 Kbps H unknown>	ended) .264 @ 19:	20x1920		
Mon Recording Profile Finaled Record Audic Use camera's Profile Token:	V Tue time source profile1 Name: H: Token: py Video: 30 Audio:	Ved (recomme 264 rofile1 00 Kbps H unknown> - RTP/RTSI	ended) .264 @ 19;	20x1920		

• You will see your new Recording Job, as shown.



## **Creating a New Zone**

Zones are used to manage alarms. An Alarm server must be accessible before Control Center can receive alarm from any SightLogix device.

• In the Setup view, right-click a site. Select the Alarms tab of the Site Explorer. Select New Zone... The New Zone dialog opens.

IndigoVision Control Cent	ter - administrator			<b>R</b>						<u> </u>
File View Recording	Device Site Alarms Users Ala	rm Groups	Filters Tools Help							
🕘 Live 📙 Playback	🧔 Setup 🕢 🕐 🕐	20	me ×							
Alarms Explorer	<b>4</b> (		SHADE DC7							
Visible Devices		E÷	SHARETC/							
Custom Objects		IP Addres	ss: 192.168.50.214							
		Service II	D: iv://192.168.50.214/as							
[UU1] Top Site		Software	Indino/Stion Alarm Server (s	(12.2)						
SHARE-F	New Zone	Civid e	. Indgonson wann server (	(12.2)						
	New Detector	es (	Detectors Data Sources Data R	ecords Alarms Activations Actions Ac	tion Messages Schedules	Escalation	Configure Status	Access Permission	IS	
	New Device Fault Detectors			There are no ite	ame to show in this view					
Web Pages	New External Data Source			increase increase						
	New Schedule									
	Setup Record On Motion									
	Properties									
	Delete	Del								
-										
FVideo Explorer 🐥 Alarm	is Explorer 🤽 Users Explorer	_								
Alerts (0)	<b>4</b> (	× 1								
Copy To Clipboard	Clear Help									
Ready			0 items	(UTC-05:00) Eastern Time (US & Canada)		2	0	0		9
							Carrier		5:03 PI	мΪ
🥣 🧲 🔚								▲ 🕛 🖫 🕪	10/3/20	17

• Enter a name for the zone and edit the Matrix Number if required.

Zone	Name:	Alarm Zone
Matrix N	umber:	1
chedule:	Non	e 🗸
riority:	5	High United Street Low

- Select the Alarm Server the zone will use.
- Select a schedule for the zone. The schedule defines when the zone will be active. If no schedules are available, you will need to create one. Please consult your Control Center manual for details on priority. The priority determines the order in which alarms appear in the Events Window, and how alarms in the zone are escalated.
- Click OK. The new zone is displayed as unset in the Site Explorer.

Before the zone can be used, you need to add detectors to the zone.

### **Creating a New Detector**

Detectors comprise an activation event and a deactivation event. Use the New Detector wizard to create detectors for analytic events for the SightSensor. Sightsensors should be already configured and calibrated.

• Select the zone you want to add detectors to from the Alarms tab of the Site, right-click, and select New Detector....

IndigoVision Control Center -	administrator			<b>B</b>						-		×
File View Recording Devi-	ce Site Alarms Users Alarm	Groups Filters	Tools Help									_
🕘 Live 📘 Playback 🧃	👌 Setup 🚺 🕢	ØI	×									
Alarms Explorer	P 🔝		05.067									
		<b>E</b> . 344	KE+C/									
Custom Objects		IP Address: 192	. 168.50.214									
10011 Tan Site		Service ID: iv:/	/192.168.50.214/as	5								
[our] rop site		Software: Ind	IgoVision Alarm Serv	ver (v 12.2)								
SHARE-PC7												
E- [001] Alarm Zona	New Detector		Data Sources Da	ata Records Alarms Activation	s Actions A	ction Messages Sche	dules Escalatio	n Configure	Status Acce	ess Permission	is	
- 🌱 New Deter	New Device Fault Detectors				Matrix No.	Site			Priority	Status		
	Setup Record On Motion				001	Top Site			5	Unset		
Y Filters	Set											
web rages	Unset											
	Acknowledge											
	Clear	Ctrl+Return										
	Properties											
	Velete	Del	1									
루 Video Explorer 🐥 Alarms Exp	plorer 🙎 Users Explorer											
Alerts (0)	P 🔝											
Copy To Clipboard	Clear Help											
Set zone			1 items	(UTC-05:00) Eastern Time	(US & Canada	3)		0	0	A		9
										• ∰ (a)	5:06 P	M
											10/3/20	

• The New Detector wizard opens.

New Detect	tor Set Up	-	×
	New Detector 1		
Name:	New Detector 1		
Zone:	Alarm Zone	<b>•</b>	
Allow	detector to put zone into alarm		
Activatio	on Event Type:		
<b>O</b> A	larm		
- K A	nalytics		
E E	xternal		
>> Li	ogical		
P	hysical		
	< <u>B</u> ack Next >	Cancel	Help

- Enter a name for the new detector, and select Analytics as the type of event that will activate the detector, and click Next.
- Select the camera for this Detector and click Next.

Name		IP Address	
	HD236-220	192.168.50.143	
SightLogix_	NS 160-300	192.168.50.105	
Compatibility:	Compatible		
	All Filters		-

• Click Finish.

lector sumr	nary		
Click Finish t	o create the new detector.		
R	New Detector 1		
Zone:	Alarm Zone		
Alarmable:	Yes		
Dwell Time:	0 seconds		
Activation	Event		
Ř	SightLogix_HD236-220 : Video Analysis		
Deactivati	on Event		
When act	ivation event returns to normal		
	< Back Finish	Cancel	Help

### **Verifying Alarms and Alerts**

Select the Playback tab in the Site explorer window to review video and alarms. The alarm appears as a red line. Subsequent alarms would appear as white lines until the alarm is acknowledged.



You will see the Zone turned red after alarm occurs in the Alarm Explorer.


# **Configuring FLIR Latitude**

Last Modified on 10/10/2018 11:53 am EDT

Tested with FLIR Latitude 8.0.0.6100 Tested with SightLogix Firmware 10.10.48 and 15.4.102

# Add SightLogix Devices as an ONVIF Device

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

🗴 Camera Configuration [	SL-12012]	-	×
	Network Ethernet Wireless Camera MPEG JPEG Tracker Web Server		
SL-12004	Camera Description New Camera Test		
SL-12176	Imager Type IR 🗸		
SL-12987	Time Zone ESTSENT		
SL-13276	Auto Eorus		
ັ້ SL-5834	Manual Focus 4096.000000		
SL-6855			
Saturn Plant	Hi Def Day/Night Mode Reserved 🗸		
	Sunset Offset (min.) 0		
	Sunrise Offset (min.) 0		
	Motion On Event Servers		
	Motion Off Event Servers		
	VMS Type ONVIF H.264 V	>	
	Enable Event Audio		
	Enable Opto In		
	Relay Out Mode Disabled 🗸 🗸		
	Disable Stabilizer In Night Mode		
	Trailer Controller IP		
	Alarm Test		
	Monini rest		
< >	I Save Cancel		

#### Adding Devices with WebConfig

• In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4

sightlogix	CAMERA (SL-12012)					
NETWORK						
CAMERA	Camera Description	New Camera Test				
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Tim	e (U.S, Canada, Bahamas, Haiti)			•
POLICY	Camera GPS Location		Geolocate			
MPEG / JPEG	Day/Night Mode	Auto Sense with LED	<ul> <li>Suprise Offset (min)</li> </ul>		Sunset Offset (min)	
TRACKER	bayr night mode		0		0	
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode	Disabled	÷
INFO	Motion On Event Servers	Custom				
CAMERA NEIGHBORHOOD						
	Motion Off Event Servers					
		Alarm Test				
	Last Clip Timestamp					_
	Anti Flicker	Outdoor Mode	Ŧ			

### Next, add devices individually as Onvif units.

• Login to FLIR Latitude Admin Center. Select Physical View on left. Right-click on the server in the box and select Add Unit manually.



• Select ONVIF as Unit type. Default username/password is *service/test1234*. Click OK.

SFLIR Add Un	it manually X
	○ IP address 192 . 168 . 50 . 121 ○ Host name
Unit Type	ONVIF
Port	80
Usemame	service
Password	Discover MJPEG video encoders
Strong passwords camera's webpage	protect your system. Change passwords in the e or in the Edge Security tab.
Archiver: DVTEL Archi	ve OK Cancel

• After the camera has been added, selecting the camera will show the menu screen with multiple tabs (General, Video Settings, etc).



• Click Save in the upper right.



• Click the Motion Detection tab.



• Press + to set the Coverages to Always and click OK. Then click Save.

ŞFLIR Admi	nCenter	
	Physical View	General Video Settinas Picture Settinas Recordina Settinas Edge Recordina Linked PTZ Configuration Motion Detection Privacy Masking Actions
System	9 9 5 X 4 Y	Camera 1 - 192.168.50.121 (Sight Sensor NS160-320 Intellige) - 64
Logical view	System (1) (WIN-UOD41UBLIGS)	Configuration
Physical View	DVTEL Archive	Coverages + X EG
۲T	□ □ 192.168.50.121 (SightSensor NS160-320 Intellige)     □ □ □ 192.168.50.121 (SightSensor NS160-320 Intellige)	Type Edge zones
A I · · System Settings	Input pin port 1 - 192.168.50.121 (sightSensor NS160-320 in Imate pin port 1 - 192.168.50.121 (SightSensor NS160-320 in	Zones V 🕂 🗶 🆋 Import zones
-	Camera 1 - 192.168.50.121 (SightSensor NS160-320 Inte	AFUR Solart Countraines
Video	EDB server	Consecution Control (2007) 2017/12/05
	9 50 Network	IV
Audio	- R Transcoder server	P 37 System settings root (WIN-UOD41UBLIGS)
Users and Groups	Web server	i → w Coverages
=		🖓 Daytime
Servers		
<u>Ö</u> .	-	
Applications		
Normani		Day and Time
CISCOVE /		
Winnede		Sunday
THE G		Monday V
		Wedneed_
		Thursday V
		Seturday
		Switch View Refresh View
		Cancel
	· · · · · · · · · · · · · · · · · · ·	
<b><i>FLIR</i></b>	A System Administrator	
AdminCenter	Tuesday, December 05, 2017 1:58:42 PM	
i System	👱 System Administrator	Memory Usage : 703M Graphics Memory : 4095M CPU Ukage : 10%
🖉 Start	2 😫 🔕 🐼 🧭 🔤	* 🗗 😥 208 Mi

• Press + to add Zones, and give the zone a name. Click OK.

\$FLIR Admin	Center	
. ش	Physical View	General Video Settinas Picture Settinas Recordina Settinas Edge Recordina Linked PTZ Configuration Motion Detection Privacy Masking Actions
System	Ø   +8   &   X   ↓   Y	Camera 1 - 192. 168. 50 121 (Stati Sensor NS 160-320 Intelline) - 64
Logical View		Configuration
	E-E DVTEL Archive	Coverages Aways
Physical View	😑 🖬 192.168.50.121 (SightSensor NS160-320 Intellige)	Type Edge zones
- الم	<ul> <li>Input pin port 1 - 192.168.50.121 (SightSensor NS160-320 I</li> <li>Input pin port 1 - 192.168.50.121 (SightSensor NS160-320 I)</li> </ul>	Zones + 22 / Import zones
System Seturgs	Camera 1 - 192.168.50.121 (SightSensor NS160-320 Inte	AFLIR
Video	Directory server	35 121 201712/06
	- ga EDB server	Set new zone name
Audio	- 😽 Transcoder server	Motion Cr
- 👗 -		OK Cancel
Users and Groups		
Servers -		
<u>o</u> .		
Applications		
Q		
Discovery		lde v
× .		Open web page
Wizards	-	Motion Detection Parameters
		Recording Upon Motion
		Capabilities
<b>☆</b> FLIR	· · · · · · · · · · · · · · · · · · ·	
AdminCenter	System Administrator	
0 Satur	Tuesday, December 05, 2017 1:58:42 PM	
- System	System Administrator	Index value / Uno
🎝 Start 🍇 🙋	3 🧾 😉 🕸 🐼 🔤	* P 🖗 2009 M

• The following window opens. Check the boxes for "Bookmark" and "Record upon motion on". Then click Save.

	Physical View	General Video Settings Picture Settings Recording Settings Edge Recording Linked PTZ Configuration Motion Detection Privacy Masking Actions
System	-9- +8  ©  × +  ▼	Camera 1 - 192.168.50.121 (Sight Sensor NS 160-320 Intellige) - 58
=:		
copca vew	(1) (WIN-1 OD411 (8) (55)	Configuration
	e B DVTEL Archive	Coverages Almays
	E 🖬 192.168.50.121 (SightSensor NS160-320 Intellige)	Type Edge somes
<u> </u>	Input pin port 1 - 192.168.50.121 (SightSensor NS160-320 I E-ET Video in port 1 - 192.168 50 121 (SightSensor NS160-320 I)	Zones Alarm Zone + 32 P Import zones
System Seturities	Camera 1 - 192.168.50.121 (SightSensor NS160-320 Inte	
Video	B - I 192.168.50.143 (SightSensor HD HD236-220 Networ)	
-	Herein 192.168.50.210 (SightSensor SE220 Intelligent N)	0
Audio	- EDB server	
2.	- D Network	
Users and Groups		×
i .	- Meb server	
Servers		
Q -	-	
Applications		
		34
Discovery		Ide 👻
N	•	Open web page
Wizards		Motion Detection Parameters
		Motion on threshold
		Notion off threshold
		Consecutive frames hit
		Recording Upon Motion
		C Bookmark motion on events (if recording)
		✓ Record upon motion on
		Pre event recording po 👘 Seconds
		Set recording video profile upon motion on
		Stop recording and/or restore profile 30 📥 seconds after motion Off 💌 event
A	۲	
<b><i>WFLIR</i></b>	System Administrator	Capabilities
AdminCenter	Monday, October 30, 2017 2:48:15 PM	· · · · · · · · · · · · · · · · · · ·
System	Sustem Meinistrator	Mennor lisane - \$28M (Granbins Mennor - 409AM (CP111 Isane - 12%

# **Setting Alarms**

- Select System Settings from left menu to create/modify Alarm types.
- Right click on "Alarm types" and select "Add Alarm type" to create Alarm item. Input alarm type name and modify settings if needed.

<pre>\$FLIR AdminC</pre>	enter		- 6° ×
<i>(</i> <b>1</b> )	System Settings Viam types	Count	
System	ABRYAT	And the second s	
-2			4 P   4 =   0
Logical View		Name and Description	
	System settings root (WIN-UOD41UBLIGS)	Name and Description	
Physical View	Alarm type Add Alarm type		
<u> TT</u>	- ( HD Alarms (4)		
System Settings			
<b>e</b> .			
Video			
Audio			
- <u>-</u> -			
Users and Groups			
Servers -			
*			
Applications			
Discovery			
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ut we have			
maarda			
<b>\$FLIR</b>			
AdminCenter	A System Administrator		
	Monday, October 30, 2017 2:48:15 PM		
😁 System	System Administrator	Memory Usage : 828M Graphics Memory : 4095M CPU Usage : 3%	
灯 Start 🐰 🛃	1 🚞 📵 🔯 🔤 🧭		* P 🗑 2:57 PM

• Enter the alarm type name and modify settings if needed.

	System Settings \Alam types	General Cameras Recipients Action	\$	
System	⊕   ⊕   ×   •   ▼	New Alarm type 7		8 2 4 D = = 0
m	System settings root (WIN-UOD41UBLIGS)	Configuration		A
Physical View	🖻 🌾 Alarm types		Name Gen3S Alarm	
ΥT	Alarm (2)		Description	
System Settings	+D Alarms (4)		Pre-alarm coverage No coverage	
<b>⊡</b> • .			Procedure URL	Auto display procedure URI,
Video			Dwell time 1 0 86400	3 Seconds 💌
			Priority 1 U 100 (Low)	1 🚊
Audio			Force adding description on clear	
Users and Groups		Rearmed after		<u>م</u>
5			O Rearmed after previous alarm is deared	
Servers			O Limited 3 86400	5 🔆 Seconds 💌
÷.	-	Automatic Clear		<u>A</u>
Applications			Automatically dear after 1 0.400	1 Seconds 👻
Q			Delete cleared alarms after 1 0 2555	31 Days 💌
State y				
<u> </u>	<u>•</u>			
WIZITUS				
<b>≜</b> FLIR				
AdminCenter	System Administrator			
	Monday, October 30, 2017 2:48:15 PM			
System	System Administrator	Memory Usage : 828M	Graphics Memory : 4095M	CPU Usage : 11%

• Click the Cameras tab and select the camera to associate with this Alarm item.

. (	System Settings \Alarm types	General Cameras Recipients	Action	в				
System		New Alarm type 7	_					
E E								
Circle I con	System settings root (WIN-UOD41UBLIGS)							
Physical View	Alarm types	-UOD41UBLIGS)		Camera	View Live	e Record	Playback	
YT	-(4) Alarm (2)	.92.168.50.143 (SightSensor HD F		Camera 1 - 132.166.50.121 (Signt	rase	Not set	riot set	
System Settings	- (\$) HD Alarms (4)	92.168.50.210 (SightSensor SE22						
<b>.</b> .		32-100-30-143 (JightSensor no 1						
Video								
Audo								
Users and Groups								
<b>1</b>								
Servers								
Q .								
Applications								
~								
			-					
THE CO								
			_					
<b>\$FLIR</b>		< >						
AdminCenter	A system Administrator Manday, October 30, 2017 2-48-15 PM	Switch View Refresh View						
System	System Administrator	Memory Usage : 829M		Graph	ics Memory	: 4095M	CPU Usage : 4%	

• Select the Recipients tab to assign the person/group to receive this alarm type.

Symptom     Symptom     Symptom     Symptom     Symptom       Symptom     Symptom     Symptom     Symptom     Symptom		
-9 +8 @ × • ▼	New Nam type 7	⊜⊘ 4 ⊳ * =*
System settings root (WIN-UOD41UBLIGS)	Escalation Method	
i⊟-l⁄a Alarm types	O All recipients at the same time	
	O Sequentially by priority Escolation timeout 60	
→Φi HD Alarms (4)	Recipients	
	Recipients Priority	
	all Users System Administrator 1	
-		
	4	
	Switch View Refresh View	
A system noministrator Ministrator October 30 2017 2:48:15 PM		

• Under the Actions tab, right-click "Alarm triggered" and select Trigger Alarm.



• Select Physical View on left. Click the Actions tab, select Scene motion On and click Trigger Alarm.



• In the Trigger Alarm menu select predefined Alarm type.

. (	Physical Vew	General Video Settings Picture Settings Recording Settings Edge Recording Linked PTZ Configuration Motion Detection Privacy Masking Actions	
System	⊕ =8   B   X   ↓   Y	Camera 1 - 192.168.50.121 (Sight Sensor NS160-320 Intellige) - 58	2
=			
	(1) (VIN-UOD41U8UGS)	Events/Addons Coverage Alwoys	-
	TEL Archive	Accessibility lost	
Physical Wew	192.168.50.121 (SightSensor NS160-320 Intellige)	Accessionly recovered Analysis and Accession	
- 1X	Input pin port 1 - 192.168.50.121 (SightSensor NS160-320 Intellige)	Archived stream switch on ESS System settings root (VIN-UOD41UBLIGS)	
System Settings	Video in port 1 - 192-168-50-121 (SightSensor NS160-320 Intellige)	- Bookmark created	
<u>∎</u> • .	192.168.50.143 (SightSensor HD HD236-220 Networ)	- Bookmark updated - Alarm (2)	
Video	192.168.50.210 (SightSensor SE220 Intelligent N)	Camera signal lost event -40, HD Alarms (4)	
	ectory server	- Camira signa recovered er	
Audio	8 server	- Cip unlocked	
- i 👗 🔹	Network prooder copyer	- Live stream switch off	
Users and Groups	b server	- Live stream switch on	
		Master recording ended	
servers ★		- Master recording started	
Automations -	ŧ	-Media snapshot exported	
		- PTZ locked	
<u> </u>		PTZ locked overridden	
Discovery		PTZ moved to preset	
× .		PT2 movement enced	
Wizards		PTZ pattern ended	
		- PTZ pattern started	
		PTZ session ended	
		P12 session started	
		Recording the export ende	
		-Recording clip export starte	
		- Recording ended	
		Recording started	
		E Scele mation on	
		- Trigger alarm	
		- SD card restore session en	
		- SD card restore session sta	
		- Source Filter streaming star	
		- Tampering camper avent	
<b>≜FLIP</b>	· · · · · · · · · · · · · · · · · · ·	-Technician session ended	
AdminContor	System Administrator	Technician session started x	
AdminGenter	Mondey, October 30, 2017 2:48:15 PM		
🎯 System	System Administrator	Memory Usage : 833M Graphics Memory : 4095M CPU Usage : 17%	

• Launch FLIR Control Center to view the video and alarms.



# **Configuring SureView Immix (Direct Connection)**

Last Modified on 04/03/2020 5:10 pm EDT

These instructions provide steps for direct connections from SightSensor(s) to SureView Immix using WebConfig.

## Requirements

- SightSensor(s) with 15.12.183 or later firmware
- Installation of the Immix 'SVSightLogixReceiver' configuration file (Available from Immix: System/System Updates/Available Packages).
  - After installation the file can be viewed in the following location:*C*:\*Program Files* (x86)\*Immix Cloud*\*SVSightLogixReceiver*\.
    - An example config file, showing the editable fields in red, is available here
       (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bc0caddec161c6148134758/n/svsightlogixreceiverexeconfig.pdf).
  - There is typically no need to edit the config file as the default settings are optimal. The data points of interest in this config file are:
    - "XmlPort" value="9006" This is the default port the Immix server will listen for SightLogix alarms
    - "DecodeLocation" value="false" By default the pre and post alarm video will populate in the left pane instead of a map of the location. Verify the value is set to false for DecodeLocation
    - "ThermalFirst" value="true" SightSensorHD will send an alarm clip with pre and post video. This clip includes both the thermal video and color HD video. In Immix you will have the option to view either stream in the left pane by choosing from the dropdown.
- Access to your router to port forward to each SightSensor through your firewall.
  - Refer to a simple Port Forwarding example here 'Configuring Firewall Rules on Remote Network for Direct SureView Applications (https://portal.sightlogix.com/help/firewall-sureview)'
  - The example shows two SightSensors and is scalable.
- Bandwidth: We recommend that your network have a 4 Mpbs minimum upstream bandwidth per camera for best alarm clip delivery.

### **Finding Your Public IP**

Your public IP is usually the IP of your router's internet interface.

The easiest way to find your public IP is to go to ping.eu (http://www.ping.eu/) and the "Your IP is" box will tell you your public IP. If you are behind a router you may also find the IP of the public interface in the router's configuration web page.

It is NOT your computer's current IP address. IP ranges 192.168.\*.\*, 172.16.\*.\*, and 10.\*.\*.\* are internal IPs, NOT public IPs.

### Testing if a Port is Publicly Visible

You can only test if a port is open to the internet from a PC out on a DIFFERENT network to your own (NOT one within your own LAN)

There are a number of websites that allow you to test if a port is open to the internet,ping.eu (http://www.ping.eu/portchk/) is one of them.

- 1. Go to http://www.ping.eu/port-chk/ (http://www.ping.eu/port-chk/)
- 2. Enter your public IP address (usually the value in the "Your IP is" box is correct, otherwise check your router configuration)
- 3. Enter the port you wish to check, for example 3389 for Remote Desktop, or 80 for the IIS Web Site.
- 4. Click Go.
- 5. The result will be shown. If it says "open" then your port is open to the internet. If it says "closed" then your port is not open and therefore cannot be connected to by others and you will need to check your router settings.

# To connect your SightSensor directly to SureView, do the following.

- In a web browser enter the IP address of the SightLogix sensor (default username/password is *root/push2edg*).
- Click DEVICE on the navigation to open the DEVICE page
- Choose 'Immix' from the 'Motion On Event Servers' drop down menu

		VMS Type	ONVIF H.264	•	Relay Out Mode	Disabled	•
	$\otimes$	Motion On Event Servers	Immix	•	Video Out Mode	NTSC	•
SAVE	REVERT	Host	192.168.1.145:90	006			
			Pre-Trigger (sec)	Post-Trigger (sec)	Post-Reset (sec)		
				5			
		Motion Off Event	protocol:// <ip ad<="" td=""><td>idress&gt;</td><td></td><td></td><td></td></ip>	idress>			

- In the Host field, enter the IP Address and port that is listening on the Immix server.
- Enter values for pre and post trigger video that you want to be packaged with the SightLogix alarm and sent to Immix.
- Click Save. (Done!)
- To send a test alarm to Immix press the 'Alarm Test' button.

# Troubleshooting

Issue: Alarms are received in SureView but without associated video.

#### Solution:

- Ensure that you are using firmware 15.12.183 or later.
- Shorten the video clip length by adjusting the pre and post trigger time on the Device page of WebConfig to a lower value.
  - The default is 5 seconds pre and 5 seconds post.
  - Set this lower, for example, 2 seconds each.
- Lower clip video parameters:
  - Go to the MPEG/JPEG link in WebConfig
  - Lower detect/non-detect bitrate to 0.75 mpbs (7500000)
  - Lower detect/non-detect framerate and iframe interval to 4
- To check Realized Upload bandwidth:
  - Go to Device link in WebConfig and click "Clip Bandwidth Stats" which will open a windows with content similar to the image below (hover over Clip Bandwidth Statistics" of the window for tooltip explanations):

```
0
```

complete	alarmtime					uploa	dtime		uploadsize	uploadedsize	uploadsec	mbps		
1	03	Арг	2020	14:11:47	-0400	03	Арг	2020	14:11:51	-0400	1295599	1867202	0.2	10.9506
1	03	Арг	2020	14:11:00	-0400	03	Арг	2020	14:11:04	-0400	1301330	1875454	0.2	10.5101
1	03	Арг	2020	14:10:39	-0400	03	Арг	2020	14:10:42	-0400	1359740	1959570	0.2	10.5187
1	03	Арг	2020	14:09:24	-0400	03	Арг	2020	14:09:28	-0400	1448055	2086742	0.2	10.8780
1	03	Арг	2020	14:08:54	-0400	03	Арг	2020	14:08:55	-0400	1473346	2123158	0.2	10.8563
1	03	Арг	2020	14:08:30	-0400	03	Арг	2020	14:08:30	-0400	1297014	1869242	0.2	10.7971
1	03	Арг	2020	14:07:47	-0400	03	Арг	2020	14:07:50	-0400	1338566	1929074	0.2	10.9602

#### Can I use a VMS to connect to SureView instead?

Some installers may choose to connect their SightSensors to a supported VMS first, which then connects to SureView. This does eliminate the need to create port forward rules on your router. However, because VMS systems handle their integration to SureView in different ways, you may lose some compelling features unique to the SightLogix/SureView integration, including:

- SightSensors that directly connect to SureView can package an alarm with configurable pre and post video (including thermal and color HD). Your VMS may or may not provide this functionality.
- In parallel with the alarm, SureView users can simultaneously view live thermal video over RTSP (for SightSensor HD, they can view both thermal and visible live streams). If using a VMS, they will take our Onvif stream and may or may not be able to provide this functionality.

# **Configuring Exacq Vision**

Last Modified on 11/03/2022 1:09 pm EDT

# Adding SightLogix to Exacq as an ONVIF Device

Tested with Exacq server version 21.03.10.0 Tested with Exacq client version 21.03.4.0 (x64) Tested with SightLogix Firmware 16.2.92

 \*Note: Exacq-SightLogix ONVIF integration was broken as of Exacq server version 9.8.5 and is repaired with the unreleased server version 19.12.106.0, which can be obtained via request to Exacq. These fixes are expected to be released in Exacq version 20.03 in March 2020 (new versions require SightLogix firmware 15.12.135 and 10.10.84, which is backwards compatible with Exacq 9.2.3).

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section.

• In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

🗡 Camera Configuration [	SL-12012]	-	×
P	Network Ethernet Wireless Camera MPEG JPEG Tracker Web Server		
SL-12004	Camera Description New Camera Test		
SL-12176	Imager Type IR 🗸		
SL-12987			
SL-13276	Auto Eogis		
SL-5834	Manual Focus 4096.000000		
SL-6855 aguila 1607			
Saturn Plant	Hi Def Day/Night Mode Reserved 🗸		
	Sunset Offset (min.) 0		
	Sunrise Offset (min.) 0		
	Motion On Event Servers		
	Motion Off Event Servers		
	Enable Onto In		
	Relay Out Mode Disabled		
	Disable Stabilizer In Nicht Mode		
	Alarm Test		
< >>	I Save Cancel		

• Click the MPEG tab and check the "Disable RTCP Timeout" checkbox.

X Camera Configuration [Si	L-5027]	Spin adapt in			
	Network Ethernet Wireless Camera MPEG JPEG	Tracker Web Ser	ver		
(i) SightLogix-10	Channel Description				
	Display Overlay				
	Bounding Box		Motion Track		
	Corners Bounding Box		Track Duration		
	Timestamp		Object Id		
	Zones		Size		
	Identity		Speed		
	Rtsp Broadcast Mode	Unicast 👻	Disable Rtcp Timeout		
	Rate Control	VBR 👻	Image Scaling (Camera will reboot)	Ful 👻	
	Detect Max Frame Rate (fps)	30.000000 No	Detect Max Frame Rate (fps)	30.000000	
	Detect Max Bit Rate (bps)	3000000	No Detect Max Bit Rate (bps)	3000000	
	Detect Max I Frame Interval	30 No	o Detect Max I Frame Interval	30	

#### Adding Devices with WebConfig

• In WebConfig, go to the Camera tab (or Device tab) and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.

sightlogix*	CAMERA (SL-12012)								
NETWORK									
CAMERA	Camera Description	New Camera i est							
CALIBRATION	<b>Time Zone</b> Custom Time Zone	(GMT-05:00 DST) Eastern Tir	ne (U.S, Canada, Bahamas, Haiti)						
POLICY	Camera GPS Location		Geolocate	_					
MPEG / JPEG	Dav/Night Mode	Auto Sense with LED	<ul> <li>Suprise Offset (min)</li> </ul>	Sunset Offset (min)					
TRACKER	Dayrright mode		0	0					
WEB SERVER	Next Day/Night Event								
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode Disabled					
INFO	Mation On Event Servers	Custom							
CAMERA NEIGHBORHOOD	MOUGH ON EVENT SERVERS								
ONLINE HELP		protocol:// <ip address=""></ip>							
LOGOUT	Motion Off Event Servers								
	Last Clip Timestamp	Alarm Test Tue Jul 3 13:39:40 2018							
	Anti Flicker	Outdoor Mode							

• Click the MPEG tab and check the "Disable RTCP Timeout" checkbox.

sightlogix <sup>.</sup> <	MPEG / JPEG (SL-13	417)			
NETWORK	MPEG Configuration JPEG				
DEVICE	Channel Description				
CALIBRATION					
POLICY	Display Overlay	Select Options •	Disable	visible Zone Overlay	
TRACKER	RTSP Broadcast Mode	Unicast		🗹 Disable F	RTCP Timeout
WEB SERVER					
MAINTENANCE	Detect Max Frame Rate (fps)			No Detect Max Frame Rate (fps)	15
INFO	Datast May Pit Pata (bps)	2000000		No Datast May Rit Pata (bos)	200000
CAMERA NEIGHBORHOOD	Detect max bit hate (ups)			No Detect wax bit kate (ops)	
RECORDING	Detect Max I-Frame Interval			No Detect Max I-Frame Interval	15
LOGOUT					

### **Adding Cameras**

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	92.168.50.165 Sight.	ogix SightSen	sor N5100-620 00-18-08-00-13-	C2 16.0.30 Cor	metted.							
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	Diplemp 5 same           Teld IP Content         (200m) IP Content	Centers Import Address 192:166-50.15 192:166-50.15 192:166-50.19 192:166-50.19 192:166-50.29 192:166-50.29 192:166-50.29 192:166-50.29 192:166-50.29 192:166-50.19 192:166-50.20 192:166-50 19	Tops         #           AUS WHIT         #           GAMP         #           GAMP         #           GAMP         #	Based         St           211         00           000564         AK           000564         AK           000564         AK           000564         OK           000564         OK           000564         OK           000564         OK           000564         OK           000570         OK           00056500         OK           00056500         OK           0005640         OK           0005700         OK           000544         28	960 0-10-90-64-10-64 -0-00-90-64-10-64 -0-00-90-10-10-90 -0-41-40-31-70-81 -8-30-70-80-7-24 -9-90-00-94-64 -9-90-00-46-47 -9-90-00-46-47 -9-90-00-46-47 -9-90-00-46-47 -9-90-00-46-77 -9-90-00-40-40-40-40-40-40-40-40-40-40-40-40	View Log Delet	Addresseble     C	System		Q		T Show us
	Deletra 5 serve Tel Di Converse (Labora 10 converse) Di Stati d'Accesso Di Stati d'	Camera Import	358         A           A15< WP1	Medial         00           21.1         00           0006742         04           0006742         04           0001044         00           0001044         00           0001044         00           0001044         00           0001044         00           0001044         00           000104         00           000104         00           00000         00           00000         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004         00           00004 <t< td=""><td>K5w     Moc     Get 0 0 C 6A-1 C 6A     C 6A-1 C 6A-1     C 6A-1 C 6A-1     C 6A-1 C 6A-1     C 6A-1</td><td>VewLog Delet</td><td>Addressable         2           fed         2           fed         2           fed         2           fed         2           do         2           do         2           do         2           do         30           do         30           do         30           do         30           do         30</td><td>Tystens</td><td></td><td><u>[</u>Q</td><td></td><td>C Sow or</td></t<>	K5w     Moc     Get 0 0 C 6A-1 C 6A     C 6A-1 C 6A-1     C 6A-1 C 6A-1     C 6A-1 C 6A-1     C 6A-1	VewLog Delet	Addressable         2           fed         2           fed         2           fed         2           fed         2           do         2           do         2           do         2           do         30           do         30           do         30           do         30           do         30	Tystens		<u>[</u> Q		C Sow or
	Darkers 3 curve           Partic Curves           2 Status 4 curves <td>Centera Import Address 192-166-50.15 192-166-50.140 192-166-50.140 192-166-50.246 192-166-50.246 192-166-50.24 192-166-50.21 192-166-50 192-166-5</td> <td>Поту А Ана Weit А ала S weit А ала S weit В ала S weit В обла Р обла Р</td> <td>Deside         In           211         02           201         04</td> <td>New Mice Colored Color</td> <td>View Log Delet</td> <td>0 Addressable 2 Addressable 2 Addressable 3 Addressable 3</td> <td>lystens</td> <td></td> <td><u>[Q</u></td> <td></td> <td>Г" show us</td>	Centera Import Address 192-166-50.15 192-166-50.140 192-166-50.140 192-166-50.246 192-166-50.246 192-166-50.24 192-166-50.21 192-166-50 192-166-5	Поту А Ана Weit А ала S weit А ала S weit В ала S weit В обла Р обла Р	Deside         In           211         02           201         04	New Mice Colored Color	View Log Delet	0 Addressable 2 Addressable 2 Addressable 3	lystens		<u>[Q</u>		Г" show us
	Deleting 5 server           Teld IF General         (33bin 17 cmm)           Teld IF General         (33bin 17 cmm)           Teld IF General         (35bin 17 cmm)           Teld IF General         (35b	Canvers Propert Address Fig. 14, 50, 50, 51 Fig. 14, 50, 50, 50, 50 Fig. 14, 5	Type         AUS SWITE           AUS SWITE         AUS SWITE      <	Design         Design           211         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           201         00           202         00	000 000564104 000564104 000564104 000504140 000504104 000504100 00050410 000504000 0005040000000000	VervLog Delet	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	fytters		[α		E Store ut
	Tendent S serve Tender Converse Address Converse De Sector 4 Con	Canvers Broomt	NOT         A           NAIS WER         A           ANIS WER         A	Medial         Int           111         A           111	Kov     Mov	Personare	e Addresseda e e e e e e e e e e e e e e e e e e	lyptens		٩		Γ stow u
ië Jona - Jona - Stare	Delaying 5 serve           The IF Convert           All the Convert           All the Convert           Delaying 5 serve	Canvers Propert	1589         A           AD35 WWR         AD35 WWR           AD35 WWR         AD35 WWR           AD35 WWR         AD35 WWR           Gooder         Gooder	Based         Fer           211         00           214         00           216         00           217         00           218         00           218         00           219         00           219         00           210         00           211         00           211         00           211         00           211         00           211         00           211         00           211         00           212         21           213         00           214         00           215         00           216         00           217         00           217         00           217         00           212         13           212         14           213         00           214         00           215         00	tore	Verviog Debt	Addressable 2 765 765 766 766 766 766 766 766 766 766	systems		Q		Show a

- On the Tree view, click on 'Add IP Camera'.
- Click New.
- Device Type: ONVIF
- IP: Your IP address
- Username: service
- Password: test1234
- Click Apply

### **Configuring Camera Settings**

- In the Tree view, under camera recording, click your camera to go to the camera's settings page.
- In the device tab, rename camera to your choice.



• In the schedule tab, highlight all the boxes and set them to green (Free Run) - this enables continuous recording for playback.



• Click apply after each change.

### Set Up Event Linking

• In the Tree view, click "Event Linking" and "New".

V exacqVision Client					
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Configuration	Event Linking				
C (C)	Liven Linking				
Bandman     B		11200	W. David		Pa Topy To Sound The Topy To Sound The Topy Sound So

- Event Type: Video Motion
- Event Source: Your camera's name
- Action Type: Record Video
- Action Target: Your camera's name
- Set Pre / Post trigger to determine how long the alarm should last in the timeline

### Playback

- Go to search page, and click the alarm icon.
- Check your camera's box.
- Click Search to refresh the timeline.
- Motion alarm is seen on the bar at the top.
- The red in the timeline is given by your pre/post trigger timing.



# **Configuring Avigilon Control Center 7**

Last Modified on 11/22/2019 3:44 pm EST

Tested with Avigilon Control Center 7.2.0.18 Tested with SightLogix Firmware 15.12.7

# Add SightLogix Devices as an ONVIF Device

#### Adding Devices with SightMonitor

If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.
  - Select VMS Type None if the device is an AXIS camera.

Network Ethernet Wireless Camera MPEG JPEG Tracker V	Web Server
Camera Description	New Camera Test
Imager Type I	IR 🗸
Time Zone  E	EST SEDT V
Auto Focus	
Manual Focus 4	4096,000000
Hi Def Day/Night Mode	Reserved ~
Sunset Offset (min.)	0
Sunrise Offset (min.) 0	)
Motion On Event Servers	
Motion Off Event Servers	
VMS Type	ONVIF H. 264 V
Enable Event Addie	
Enable Opto In [	
Relay Out Mode	Disabled 🗸
Disable Stabilizer In Night Mode	
Trailer Controller IP	
	Alarm Tect
	Alami iest

#### Adding Devices with WebConfig

- In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.
  - Select VMS Type None if the device is an AXIS camera.

sightlogix*	CAMERA (SL-12012)										
NETWORK											
CAMERA	Camera Description	New Camera Test									
CALIBRATION	Time Zone Custom Time Zone	(GMT-05:00 DST) Eastern Ti	me (U.S, Canada, Bahamas, Haiti)								
POLICY	Camera GPS Location		Geolocate								
MPEG / JPEG	Dav/Night Mode	Auto Sense with LED	<ul> <li>Sunrise Offset (min)</li> </ul>		Sunset Offset (min)						
TRACKER											
WEB SERVER	Next Day/Night Event										
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode	Disabled						
INFO	Motion On Event Servers	Custom									
CAMERA NEIGHBORHOOD											
ONLINE HELP											
LOGOUT	Motion Off Event Servers										
		Alarm Test									
	Last Clip Timestamp	Tue Jul 3 13:39:40 2018									
	Anti Flicker	Outdoor Mode	•								

Next, add devices individually as hardware units.

• Log into Avigilon Control Center, click the upper left menu icon (three bars) and select Site Setup from Manage section in the left-side navigation.



• Select your site and click Connect/Disconnect Devices.

E View 1 Site Login Setup X +									
Search	WIN-UOD41UBLIGS								
<ul> <li>\$L-12603</li> <li>\$L-12603(1)</li> <li>\$L-12603(2)</li> </ul>	General								
<ul> <li>\$L-13471</li> <li>\$L-13471(1)</li> <li>\$L-13471(2)</li> </ul>	OP         OP<								
	Other								
	Image: Site View Editor     Image: Site       Image: Site View Editor     Manage: Site     Manage: Site     Manage: Site     Site Upgrade     Site Upgrade     Site Upgrade								
	$\uparrow$								

- Look for your camera in the "Discovered Devices" interface.
- Click Find Device if your camera is not found and enter the SightLogix camera's information in the Find Camera window and click OK.
  - Camera type is ONVIF.
  - Username/password is service/test1234

View 1         Site Login         Connect/Disconnect Devices X         Setup         +								\$× - 0
Find Device Show All Servers 🔻								
Discovered Devices								
Name			IP Address		Туре	Model	M	AC Address
Sight only HD236-220			192 168 50 222		ONVIE	HD236-220		
Sight only NS240-300			192 168 50 14		ONVIE	NS240-300		
Sight agix NS95.300			192,168,50,189		ONVIE	N\$95,300		
SightLogix NS95-300			192,168,50,107		ONVIE	N595-300		
SightLogix SE			192.168.50.63		ONVIE	SE		
SL-12021			192.168.50.187		ONVIE	HD236-220		
SL-12568			192.168.50.241		ONVIF	N595-320		
SL-13294			192.168.50.141		ONVIF	HD332-220		
SL-13417		End David			ONVIF	HD236-220		
SL-13673		Find Device		~	ONVIF	ST3-020		
SL-16391		Search From Server:	WIN-UOD41UBUIGS		ONVIF	SE236		
SL-5058		Search from Server.	MIN-0004100103		ONVIF	NS145-620		
Connected Desires		Search Type:	IP Address	•				
Name	IP Address	Device Type:	ONVIF	*	Model	MAC Address	Status	Network 1
MIN-UOD41UBLIGS		IP Address/Hostname:	192.168.50.18					
SL-12603	192.168	Control Port:		80 🛔	ahtSensor HD236-220 Network	00:18:08:00:31:38	Connected	LAN
SL-12014	192.168	Here Merry a	[		htSensor NS95-320 Intelligen	00:18:08:00:2E:EE	Connected	LAN
SightSensor HD220-220 Network C	192.168	User Name:	service		htSensor HD220-220 Network	00:18:08:00:2E:FA	X Not Present	LAN
SightSensor HD3XX-220 Network C	192.168	Password:	******		ghtSensor HD3XX-220 Network	00:18:08:00:37:D4	X Not Present	LAN
SL-12020	192.168				htSensor HD220-220 Network	00:18:08:00:2E:F4	Connected	LAN
PREDATOR_HD	192.168		ок с	ancel	PREDATOR	00:60:35:25:25:54	Connected	LAN
SL-13471	192.168					00:18:08:00:34:9F	Connected	LAN

• Select your camera, click 'Connect..." and Press OK.

Find Device Show All Servers 🔻										
Discovered Devices			IP Addr	PCC	Type		Model		MAC Addr	ress
Name           SightLogik_H0256-220           SightLogik_NS56-300           SightLogik_NS55-300           SightLogik_SE           SL-2014           SL-2014           SL-2014           SL-2014           SL-2035           SL-2035           SL-12014           SL-12014           SL-12035           SL-12035           SL-13417           SL-13673           SL 5662		Connect Device	IP Addm 192.168.50.222 192.168.50.14 192.168.50.107 192.168.50.63 192.168.50.15 192.168.50.147 192.168.50.115 192.168.50.18	ess	Type ONVIF ONVIF ONVIF ONVIF SightLogix (ONVIF SightLogix (ONVIF X	)	Model H0238-620 NS240-300 NS95-300 SE 513-020 SightSensor N995-32 SightSensor N995-32 H0226-220 H0226-220 S100-520	10 Intelligen 220 Network C	MAC Addr 00:18:08:00:2E:EE 00:18:08:00:31:38	A
SNP-6320RH		Connect to:	WIN-UOD41UB	IGS	•		SNP-6320RH			
Connected Devices		Connection Type:	Primary	105	•		MAC Address	_	Statue	Network Tu
		Device Control:	Unsecure				in the final of the second sec		210105	
PREDATOR, HD SI-2014 SI-12020 SI-13471 SightSensor HD220-220 Network C SightSensor HD3XX-220 Network C	192.16 192.16 192.16 192.16 192.16	Click to view locat	ion SightLogix (ONVIF)	OK	Cancel	elligen letwork work C letwork Network	005033:25:2554 0018:08:00:2E:EE 0018:08:00:2E:F4 0018:08:00:2E:F4 0018:08:00:37:D4	Conn Conn Conn X Not F X Not F	nected nected nected Present Present	LAN LAN LAN LAN LAN LAN
	SIghtSensor Device is Disconn This device is not not being recorde	r HD236-220 Network C ected connected to a server. Any ed.	r events or images are	Firmware Version: IP Address: 192.16 MAC Address: 00:1 Connect	15.12.9BM 8.50.18 18:08:00:31:3B Replace					

• Once connected, the camera will be shown at the bottom under Connected Cameras.

Hame		IP Address	Type	Model	MA	Caddress
unst_camera_a_reary_rong_camera_name		194100.3033	CHVP	mu332-220		C Particip
htLogix_HD236-220		192.168.90.222	ONVIF	HD236-220		
htLogix_NS95-300		192.168.50.107	ONVIF	NS95-300		
htLogix_SE		192.168.50.63	ONVIE	SE		
12001		192.168.50.240	ONVIF	HD236-220		
12010		192.168.50.155	ONVIE	ST3-020		
12021		192.168.50.187	ONVIF	HD236-220		
12036		192.168.50.95	ONVIF	TC62-322		
13417		192.168.50.124	ONVIF	HD236-220		
13673		192.168.50.21	ONVIP	513-020		
15663		192.168.50.66	ONVIF	NS100-620		
16391		192.168.50.64	ONVIF	58236		
5058		192.168.50.165	ONVIF	NS145-620		
WIN-UOD41UBLIGS	100.100.00.10				6	
12605	192.168.50.18	SightLogix (DNVIP)	SightSensor HD256-220 Network	00:18:08:00:31:58	Connected	U
12014	192100.30.107	Sight on DMIP	SightSensor ND320, 220 Intelligen	00.18.08.00.25.54	Connected	
htsenor HD3VX 230 Network C	191162 50 177	Sight one (OM/IE)	SightSensor JID2VY 230 Network	0018-00-00-72-04	× Not Present	
1909	192.100.00.107	Sight one OM/E	SightSensor M0120, 220 Network	00.18/08/00.15/54	Connaded	
	107 168 50 715	360 Unice (ONID)	NO REPATOR	00-00-00-00-00-00-04	Connected	
12471	102100.00.213	Securitari (Civir)	FightCancer V/0E 232 Naturest C	00.00.03.23.23.34	Connected	
	<b>C</b> (11960)	Firmware	Version: 15.12.98M			

# **Setting Alarms**

Once you've added cameras, create and configure alarms as follows:

• Under the setup menu, click *Alarms* and click *Add*.

Uiew 1 Site Login Connect/Disconnect	Devices Setup >	+			
Search           ♥ ■ WIN-UOD41UBLIGS           ● PREDATOR,HD           \$ L-12014           • \$ SL-12020           • \$ SL-12020(1)           • \$ SL-12020(2)	WIN-UOD	41UBLIGS		×	
<ul> <li>\$L-12603()</li> <li>\$L-12603(2)</li> <li>\$L-13471(1)</li> <li>\$L-13471(2)</li> </ul>	General General Ceneral Restore Settin Other	Alarms: DOM Axis slarm DOM_ONUE_ALARM Gen 33 slarm? Gen 35 slarm? TC thermal alarm TC visible alarm testccam	t Add ■ Add Devices	lose Site I	License Management

- Select Motion Detection under Alarm Trigger Source.
- Select the camera which you want to associate with this alarm.
- Click Next.

Alarm Trigger Source: Motion Detection	•	
Search		
<ul> <li>✓ I WIN-UOD41UBLIGS</li> <li>☐ ● PREDATOR_HD</li> <li>↓ \$1,-12014</li> </ul>		Â
<ul> <li>✓ SL-12020</li> <li>✓ SL-12020(1)</li> </ul>		
SL-12020(2) ✓ SL-12603		
SL-12603(2) ✓ SL-13471		
<ul> <li>SL-13471(1)</li> <li>SL-13471(2)</li> </ul>		Ţ
$\square$ Auto-acknowledge alarm when motion stops		

• Select the camera again to link the alarm to your camera and then click Next.

Add Alarm	×
Select Linked Devices	
Select the device(s) to link to this alarm:	
Search	]
□ ♦ SL-12014	<b>N</b>
✓ SL-12020	
SL-12020(1)	
□	
✓ SL-12603	
✓ SL-12603(1)	
SL-12003(2)	
SL-13471(1)	
□	
Pre-Alarm Record Time: 5 📑 seconds	
Recording Duration: 1 🗮 min 0 🚍 sec	
□ View linked devices when alarm is triggered	
Previous	Cancel
· · · · · · · · · · · · · · · · · · ·	

- Add the group/user to receive the alarm notification.
- Click 'Next'

ļ	Add Alarm	×
	Select Alarm Recipients	
	Select the users that will be notified when this alarm is triggered:	
	User/Group First Name Last Name Wait Time	
	See Administrators	
ir		
	Add Recipients       Remove Recipients         Play sound when alarm is triggered:       Alarm 1.way	
li	Previous     Next     Cancel	

• Click 'Next' on alarm acknowledgement action.

Add Alarm	×
Select Alarm Acknowledgment Action	
<ul> <li>Require a comment when acknowledging alarm</li> <li>Activate selected digital output(s) on alarm acknowledgment</li> </ul>	
Search	
▼ ■ WIN-UOD41UBLIGS	
▼  III WIN-UOD41UBLIGS	
- PREDATOR_HD	
Digital Output 1	
♦ SL-12014	
♦ SL-12020	
SL-12603	
SL-13471	
Require user confirmation before activating digital output(s)	
🔶 Previous 🛛 🖨 Next	Cancel

- Provide alarm name.
- Click Finish.

Add Alarm		×
Select Alarm Properties		
- Priority Sched	HD_visible_alarm 1 e: Always Enable alarm	
- -	♦ Previous	

After adding the alarm, the Alarm properties should look as follows:

Alarms - WIN-UOD41UB	LIGS	×
Alarms: DOM Axis alarm DOM_ONVIF_ALARM Gen 3 Alarm? Gen 35 alarm? HD_thermal_alarm <b>HD_visible_alarm</b> TC thermal alarm TC thermal alarm TC visible alarm testccam	HD_visible_alarm Alarm priority: 1 Alarm is enabled Alarm Schedule is 'Always' Alarm triggered when motion detected on camera SL-12603(1) Alarm is linked to device SL-12603(1) Alarm recipients are Administrators	
	Close	

# **Setting Rules**

After you've added alarm settings, you may add rules to perform an action (e.g. add Bookmark) when an alarm triggers.

• From the Setup window, click Rules

E View 1 Site Login Setup X +		∎* \$* -
Srereh           • # WIN-UOD41UBLIGS           ● FREDATOR,HD           ● SL-12014           • SL-12020           • SL-12020(1)           • SL-12020(2)	WIN-UOD41UBLIGS	
<ul> <li>\$1-2803</li> <li>\$1-2803(1)</li> <li>\$1-2803(2)</li> <li>\$1-3871</li> <li>\$1-3871(1)</li> <li>\$1-3871(2)</li> </ul>	General	<b>4</b> 0
II	Other	nexore setungs
	Image Site     Image Site     Image Site     Image Site     Image Site     Image Site     Image Site	

• Select Motion detection started, then Next.

WIN-UOD41	JBLIGS	
	Rules - WIN-UOD41UBLIGS	×
	Rule Setup × Select Rule Event(s)	
General	Select the event(s) that will trigger the rule action	
General	Network packet loss unacceptable      Network packet loss acceptable      Motion detection started      Video analytics event started      Classified Object Anomaly event started      Classified Object Anomaly event started	ules Ba
Other	When motion is detected on <u>any camera</u> ,	
3 Site View Editor		lpgrade Licer
	Previous Next Cancel	
	Restore Defaults Close	

- Select *Create Bookmark* as the action.
- Click "any camera" to select the SightLogix device.

tule Setup	×
Select Rule Action(s)	
Select the action(s) for the rule	
Play a sound	
Start live streaming	
Video intercom call	
Focus of Attention	
Create Bookmark	
Den a saved view	
Start live streaming on a virtual matrix monitor	
Open a web page on a virtual matrix monitor	
When motion is detected on <u>any camera</u> , create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the camera linked to the event</u> ,	
Previous 🗘 Next Cancel	_

- Click Next.
- Review your rule setup at the bottom of the window and click Next.

ule Setup	×
Select Rule Condition(s)	
Select the condition(s) to be met for this rule to run	
Device Events     Digital input is active     Digital input is not active	
l When motion is detected on <u>camera 'SL-12603(1)'</u> , create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the camera linked to the event</u> ,   	
💠 Previous 🛛 📥 Next 🔹 Cancel	

• Provide a name and click *Finish*.

Rule Setup	×
Select Rule Properties	
Rule Name: Rule Description: Schedule:	HD rule bookmark HD bookmark Always
50100001	Rule is enabled
When motion is detected on <u>camera</u> create bookmark for <u>0 minutes 30 se</u>	<u>'SL-12603(1)'</u> , <u>conds</u> with protection <u>off</u> on <u>the camera linked to the event</u> ,
	A Browing Sirich Concol
	V Previous V Pinish Cancel

• Check rule description

Rules - WIN-UOD41UBLIG	s	×
Rules: Dom axis rule DOM_ONVIF_rule HD-thermal rule HD rule bookmark Notify users (default) Sandy Axis Alarm TC thermal rule TC visible rule testccam Thermal alarm	HD rule bookmark HD bookmark Rule is enabled Rule Schedule is 'Always' When motion is detected on camera 'SL-12603(1)', create bookmark for 0 minutes 30 seconds with protection off on the camera linked to the event,	
	Edit  Delete  Add	
Restore Defaults	Close	]

• Check the alarms under Search -> Alarms/Motion/Events

Uiew 1 Site Login Setup Search: Alarms X	+	¢∗ – □ ×
Alarms to Search:	SL-12603(1)	
DOM Axis alarm       DOM_ONDF_ALARM       Gen 3 Alarm?       Gen 3 Salarm?       HD_Urbernal_alarm       Sandy Axis alarm       C Thermal alarm       TC Visible alarm       Tc visible alarm       testccam	10/7/2019 10:48:19.655 AM (EDT)	
Date Range:	Event Alarm V Start Time Note Tri	iggered
From: 10/7/2019 10:46:49.923 AM	Inggered         HD_visible_alarm         10///2019 10:48:19 AM         Sta           Triggered         HD_visible_alarm         10/7/2019 10:48:11 AM         sta	rt: Mon, Oct 07, 2019 10:48:19 AM
To: 10/7/2019 ដ 11:47:49.923 AM 🐥	Triggered HD_visible_alarm 10/7/2019 10:47:57 AM Ala	rm: HD_visible_alarm
Duration: 0 + 1 + 0 +		Export this event
Days Hours Minutes Seconds		
3 results found Search		Bookmark this event
	=	٩
■ ► ► 10:48:19.534 AM Monday, October 07, 2019	MONDAY, OCTOBER 07, 2019 1600 AM 10:46:30 AM 10:47:00 AM 10:47:30 AM 10:47:30 AM 10:48:00 AM 10:48:30 AM 10:49:00 AM 10:49:30 AM	10:50:00 AM 10:50:30 AM
SL-12603(1)		
- + ec	4	

# **Configuring OpenEye**

Last Modified on 07/21/2023 4:01 pm EDT

Tested with OpenEye 1.8.0.8271 Tested with SightLogix Firmware 16.2.12 (required for OpenEye integration)

# Add SightLogix Devices as an ONVIF Device

• In WebConfig, go to the Camera tab and set VMS Type to ONVIF H.264

sightlogix	CAMERA (51-12012)					
NETWORK						
CAMERA	Camera Description	New Camera Test				
CALIBRATION	Time Zone	(GMT-05:00 DST) Eastern Tir	ne (U.S, Canada, Bahamas, Haiti)			
POLICY	Custom Time Zone					
	Camera GPS Location		Geolocate			
Wir Ed / Jr Ed	Day/Night Mode	Auto Sense with LED	Sunrise Offset (min)		Sunset Offset (min)	
TRACKER						
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIE H.264		Relay Out Mode	Disabled	
INFO						
	Motion On Event Servers	Custom				
ONLINE HELP						
	Motion Off Event Servers					
200001						
		Alarm Test				
	Last Clip Timestamp	Tue Jul 3 13:39:40 2018				
	Anti Flicker	Outdoor Mode				

• Next, click the Web Server tab and check the box 'Persistent UUID for ONVIF Discovery'.

sightlogix <sup>&amp;</sup> <	WEB SERVER (SL-21833)
NETWORK	
DEVICE	Administrative Access
CALIBRATION	Username root
POLICY	Password push2edg Show
MPEG / JPEG	Hide Login Image
TRACKER	
WEB SERVER	Authentication
MAINTENANCE	Web Authentication Type Basic 🗸
INFO	✓ HTTP 1.1 Pipelined Requests
CAMERA NEIGHBORHOOD	ONVIF Access
ONLINE HELP	Username service
LOGOUT	Password test1234
SAVE REVERT	Persistent UUID for ONVIF Discovery

• Click Save.

# Set Up OpenEye

Next, in OpenEye:

- Add your SightSensor as an ONVIF device using the default credentials (service/test1234)
- Check the "Use Camera Side Motion Detection" box and click Save.

SightLog	ix Analytics							×
General	Live / Recording	Image Settings	Motion	Fisheye	Audio			
Motion ( Use ca camera wi recorder Connect D To configur clock the in	Configuration mera side motion del lac, motion venta received la used to perform address ordivides. rigger events, e irrectly to Camera w motion detection options o k above.	tection from the on the stoj.						
			D	isplaying 6 of 7	<b>4</b> Þ	Save	Cancel	Apply

# **Connecting SightLogix Devices to the Chekt Bridge**

Last Modified on 12/23/2019 4:59 pm EST

Requirements: CHeKT Bridge running firwmware 2.5 and later

Once your SightSensor has been configured, use the instructions below to connect to the CHeKT Bridge.

• Log in to your Dealer Portal, as shown.

	Sight Logix Demonstrations	Dashboard			DD
•	DEVICES		STATUS	RECENTLY ADDED SITES	
	Device Status		OFFLINE UNREGISTERED	Update O Neu altra is the last 20 days	
\$	Online	Bridges Cameras       1     4       0     0		APPOINTMENTS This Week	
	Events Statistics	0 -		TODAY WE	EEKLY
	400 300 200 100 0 へいたちたちの人のの人のの人のの人のの人のの人のの人のの人のの人のの人のの人のの人のの人の	2days ago වේද්ය වේද වේද වේද වේද වේද වේද වේද වේද වේද ව ව ව ව		NO SCHEDULE Welcome to CHe Chat N	₩ 0W

Note: You need a previously created CHeKT Customer Account Site before you add SightSensors. Follow the CHeKT instructions if needed: (https://support.chekt.com/portal/kb/articles/creating-a-new-customer-account)

• Once Customer Account has been created, select the Customers icon from the left-side navigation, as shown.



• You will see the list of Customers that have been created. Click the Customer Account to add SightLogix Devices. The details will display under Information, as shown.

<b>f</b>	All Dealers  v 1-1 of 1 < >	General Devices Appointments Members Site Set	ttings	Copy URL Monitoring Portal
<b>*</b>	Q     Search     +       SightSensor HD 324 Certoral Station: Sight Logix Demonstrations     +	Information Save	Contacts <ul> <li>Dave Engineer ()</li> </ul>	Add
	\$	SightSensor HD 324 Site ID 804 Dealer Name Sight Logix Demonstrations Total Device 5 Site Address sulte# ISP Information	+ Indine-72555.	
		La quota 💬	Monitoring Station	ion  Welcome to CHe Chat now

- Click the Devices tab. Add the CHeKT Bridge (if not already there).
- Once the CHeKT Bridge has been added, select it and click the Setting button.

	Sight Logix Demonstrations	Customers / Devices	Search
<b>A</b>	All Dealers	General Devices Appointments Members Site Settings	Copy URL Monitoring Portal
<b>*</b>	Q     Search     +       SightSensor HD 324     SightLogix       Demonstrations     Demonstrations	Device List Add Site Map	Upload Delete
		CKB304, Office Demo Device ID: 901 TREL ZONE - Armed STATE: Armed IP: 192.168.1.114 SETTING	0
		SAVE CHANGES	CENTER DEFAULT Q 0% Show Panel Welcome to CHe Chat now

• Confirm that your CHeKT firmware is 2.5 or higher which includes the remote access feature to your SightLogix device.

Office Demo 🖗 Online 🔮 Armed	GENERAL	CHANNELS	ALARM	AUDIO	NETWORK	TOOLS	•••	×
	Device Infor	mation						
	Name					Of	fice Demo	
CABSO4	Device ID						901	
	Model					0	CKB304V1	
Check Real-time Status	MAC Addres	ss				B8278	EBOC1E2E	
	IP Address					192.	168.1.114	
	Firmware Ve	ersion					2.5.19.3	>
	Connection				Online	Since 12/23/19 1	0:42:19 am	>
CH1 - Online	Last Check-	in Time				58	mins ago	
CH2 - Online								
CH4 - Online	Arm Status							
	Status						Armed	>
							<b></b>	

• Click Channels and then click Discovery to attempt an auto-discovery for your SightSensors.

Office Demo Online Ormed	GENERAL	CHANNELS ALA	RM AUDIO	NETWORK	TOOLS	•••	×
CKB304 Check Real-time Status	Sensor, Camera Input 1 / CH1 Input 2 / CH2 Input 3 / CH3 Input 4 / CH4	Systempe Syste Systempe Syste Boost of Filling addresses (FIRF	lenae i HETELA (20) lenae i HETELA (20) E. P. ataligas (20)	Nationali (1) Nationali (1) NATI		Online Online Online Online	> > > > > > > > > > > > > > > > > > > >
STA KET DI DIZ DIZ DIA CH1 - Online CH2 - Online CH3 - Online CH3 - Online CH4 - Online						Disc	covery

• Click the SightLogix device to add to the CHeKT Bridge. Devices grayed out have already been added.

Office Demo	Channels			C ×
🛡 Online 🧧 Armed	Discovered Devices			
	Q Search			Manual
	Name 🗢	IP Address 🗢	MAC Address 🗢	Status 🗢
	ST3-020	192.168.1.190	0018080034A5	
Check Real-time Status	HD324-220	192.168.1.199	001808003B77	Registered
	■ HD332-220	192.168.1.197	001808003658	>
	AUTODOME_IP_starlight_	<b>32-220</b> 92.168.1.131	00075F95918A	Registered
CH1 - Online				
CH2 - Online				
CH3 - Online				
CH4 - Online				

• Enter the default ONVIF credentials:

Username: service

Password: test1234

• Then click Authenticate.
Office Demo	C Discovering Devices				×
Ϋ Online 🗳 Armed	Authentication  IP Address  Video Stream UR	_			
	ONVIF	\$			
CRB304	192.168.1.197	80			
Check Real-time Status	service				
STA NET, DI1 D/2 D/3 D/4					
CH1 - Online					
CH2 - Online					
CH3 - Online					
			(	C Reset	Authenticate

The Select a Channel screen opens. There are two steams available in the SightSensor HD or TC, a visible and a thermal.

• Click CH1 and then click Select Channel.

Office Demo	Authentication	$\times$
🛡 Online 🧳 Armed	Select Channel Select a channel that is not registered.	
CKB304	сні 🖑 сн2	
Check Real-time Status		
STA NET DI DIZ DI3 DI4		
Distances in success		
CH1 - Online		
CH2 - Online		
CH3 - Online CH4 - Online		
	Select 0	Channel

A live snapshot opens showing the most recent image from the camera.

• Click Next to mount each stream to the Bridge.



The Mount dialog opens, with entries for users that are connecting to an alarm panel. Since this is not part of the SightLogix setup, click Finish.

NЛ	01	100	ŧ
IVI	υı		Ļ

#### Bridge Alarm Input #1 Information

#### Description

Enter a name here that most accurately describes the zone sensor and camera. Typically this name is the same as the alarm panel description for the zone. Example: "Entry Motion Detector"

#### Alarm Panel Zone

If the sensor on this input is also connected to an alarm panel, then the zone number here must match the alarm panel zone number for this sensor. If no sensor is connected to this Bridge Input then the default zone number can remain or you can define a unique zone number for this site.

#### Select Zone Type

Select the appropriate zone type for the behavior of this zone. The Entry\Exit time settings are set on the setting for this Bridge unit.

$\cap$	Entry/Exit Zone	
	Entry/Exit Zone	

) Follower Zone

Finish

×

Finally, the Mounting Status will verify the connections. When each step is verified the row will highlight in green with 'Success,' as shown.



• Click Close to complete.

Optionally, you can add a second channel (CH2, typically the thermal stream). Click Authentication to add the second channel and follow the steps above.

You will now see the devices and their status in the Device List, as shown.



### Adding Remote Access to your SightLogix Device for Future Configuration

Now that you have added your SightLogix devices, you can remotely access your SightLogix device directly form the CHeKT portal. This offers an easy way to make changes to your SightLogix camera whenever needed.

Note that you must have Remote Access functionality enabled on your CHeKT account.

• To access your device remotely, select your SightSensor from the device list and click the Setting button.



• Select Remote Access from the Setting window.

HD324_HD#oe ♥ Online	GENERAL ALARM F	: PRIVACY AUTHENTICATION REMOTE ACCESS	X Monitoring Portal
	Device Information Name Model Video Device Channel MAC Address Serial Number IP Address	HD324_HD#oe > SightSensor HD324-220 Network C 1 001808003B77 001808003b77 192.168.1.199	Upload Delete
761	Type Instant Zone	Remove Camera Replace Camera	FAULT Q 10% Q

If you do not have the Remote Access option enabled on your account, a pop-up will open showing instructions for enabling this functionality.

• Use the slider to define the amount of time you want the link to stay active. Then click the Create Access URL button.

HD324_HD#oe ♥ Online	GENERAL	ALARM	PRIVACY	AUTHENTICATION	× REMOTE ACCESS
	Remote Acc How long wil	cess l you need a 10 min cess URL	ccess to this	device?	8

• The URL will be created, as shown. Click the link (or copy and send ) to access your SightLogix device, which will open in a browser.

Remote Access	
URL for 10 minutes:	
Access URL: <u>http://34.232.51.81:1018</u>	
9:49	

### **Viewing Video and Alarms**

• To view live video and alarm clips, click the Monitoring Portal link at the upper right.

	Sight Logix Demonstrations	Customers / I	Devices		Search	
A	All Dealers  v 1-1 of 1  < >	General	Devices	Appointments Members Site Settings	Copy URL	Monitoring Portal
••	Q Search +					
\$	SightSensor HD 324 Central Station: Sight Logix Demonstrations	Device L	ist	Add Site Map		Upload

The Monitoring Portal opens, showing live video on the left and a looping clip of the current alarm at right. The column at right shows the alarm queue.



• Select an alarm for details.

### **Connecting to an Alarm Automation System**

Visit the CHeKT portal to connect to third-party Alarm Automation systems, including Stages, Mastermind, Bold, and others: https://support.chekt.com/portal/kb/chekt/integrations

## Setting Up SightTracker with Axis Q8685 PTZ

Last Modified on 03/12/2020 4:05 pm EDT

To setup your Axis Q8685 PTZ with SightTracker, do the following:

- Create an ONVIF account in AXIS Q8685 (do not connect SightTracker to AXIS yet)
- Set NTP server in AXIS Q8685 and add to Genetec as ONVIF
- Set NTP in SightTracker
- Connect SightTracker to AXIS (enter AXIS's ONVIF credentials in SightTracker's Configure/PTZ tab)
- Calibrate SightTracker and Associate with SightSensor
- Perform a Follow-Test to verify

## Setting Up SightTracker with Axis Q6315-LE

Last Modified on 11/03/2022 1:36 pm EDT

When configuring SightTracker with an Axis Q6315-LE PTZ running 10.9.4 firmware or later, please perform the following steps on your PTZ configuration.

- Log into your Axis PTZ firmware
- Select "Plain config"
- Go to WebService ->Discovery Mode
- Check the box "Enable WS-Discovery" as shown below:

To see the effect of your changes, you might have to	WebService
reiresn me weopage or ressan me camera.	Discovery Mode
.PI	Enable WS-Discovery discoverable mode
udio	UsernameToken
udioSource	Enable replay attack protection
andwidth	Cancel Save
asicDeviceInfo	

## **Drawings and Wiring Diagrams**

Last Modified on 03/27/2023 10:04 am EDT

#### SightSensor

- SightSensor Wiring Overview
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7d732131c01453e14a6/n/gen3sightsensor.pdf) (PDF)
- SightSensor Dimensions Overview
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565e05fd32131c2a5b3e1509/n/gen3sensordimensions.pdf) (PDF)
- SightSensor Dimensions (DWG) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6172d70ddc2041c40f7b251b/n/sightsensordimensions.DWG)
- SightSensor TC Dimensions (PDF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/60e5b0caca95a576077b23ce/n/sightsensor-tc-dimensions-overview-pdf.pdf)
- SightSensor TC Dimensions (DWG) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6172d7254bd43fcc007b244c/n/sightsensortc-dimensions.DWG)
- SightSensor HD Dimensions (PDF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bc795388e121c7d0945e614/n/sightsensor-hd-dimensions.pdf)
- SightSensor HD Dimensions (DWG) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6172d7874bd43ff7007b23d9/n/sightsensorhd-dimensions.DWG)

#### SightSensor Mounts

- Pole and Wall Mount Overview PDF (WM100 and PM200) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5b4f4c9c8e121ce203895ceb/n/sightlogix-camera-mounting.PDF)
- Wall Mount (WM100) Assembly with Measurements (PDF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5b7727b7ad121c0743143b65/n/sl-mnt-wm100-assembly.PDF)
- Wall Mount (WM100) Assembly with Measurements (DXF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/60e4c302f4c0e2cd137b23c7/n/sl-mnt-wm100.DXF)
- Pole Mount (WM200) Assembly with Measurements (DXF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/60e4c3017177be9e0d7b23ce/n/sl-mnt-pm200.DXF)

#### SightTracker PTZ

SightTracker PTZ Mounting Assembly and Dimension Drawings.PDF (https://dyzz9obi78pm5.cloudfront.net/app/image/id/63764fbea3505731d0598632/n/sighttracker-ptz-mounting-assembly-and-dimension-drawings.PDF)

 SightTracker PTZ Mounting Assembly Drawings and Dimensions.DWG (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6421a25277a7160bfb48eee3/n/sighttracker-ptz-mounting-assembly-drawings-anddimensions.DWG)

#### SightTracker

- SightTracker Dimensions (PDF) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59271daead121c241b6f8d05/n/gen3trackerdimensions-24oct2016.PDF)
- SightTracker Dimensions (DWG) (https://dyzz9obi78pm5.cloudfront.net/app/image/id/6172d7caed9bbeba057b23fd/n/sighttracker-st3-020.DWG)

#### Analog SightTracker Wiring Diagrams

- SightTrackerGen3\_to\_FLIR\_D (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7ee32131c01453e14b7/n/sighttrackergen3-to-flir-d.dwg) (DWG)
- SightTrackerGen3\_to\_FLIR\_D
- (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7e232131c01453e14ae/n/sighttrackergen3-to-flir-d.pdf) (PDF)
- SightTrackerGen3 to Videotec Ulisse
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7ed32131c01453e14b6/n/sighttrackergen3-to-videotec-ulisse.dwg) (DWG)
- SightTrackerGen3 to Videotec Ulisse
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7e132131c01453e14ad/n/sighttrackergen3-to-videotec-ulisse.pdf) (PDF)
- SightTrackerGen3 to Pelco Spectra IV (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7eb32131c01453e14b5/n/sighttrackergen3-to-pelco-spectra-iv.dwg) (DWG)
- SightTrackerGen3 to Pelco Spectra IV (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7df32131c01453e14ac/n/sighttrackergen3-to-pelco-spectra-iv.pdf) (PDF)
- SightTrackerGen3 to Pelco Esprit (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7e732131c01453e14b3/n/sighttrackergen3-to-pelco-esprit.dwg) (DWG)
- SightTrackerGen3 to Pelco Esprit (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7dc32131c01453e14aa/n/sighttrackergen3-to-pelco-esprit.pdf) (PDF)
- SightTrackerGen3 to Bosch AutoDome
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7e332131c01453e14b0/n/sighttrackergen3-to-bosch-autodome.dwg)
   (DWG)
- SightTrackerGen3 to Bosch AutoDome (https://dyzz9obi78pm5.cloudfront.net/app/image/id/565ca7d832131c01453e14a7/n/sighttrackergen3-to-bosch-autodome.pdf) (PDF)

## **Previous Release Documentation**

Last Modified on 04/25/2022 11:44 am EDT

#### **Release Notes Archive**

- 15.12 Release Note ⊗ (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e207f02ec161c8c1ffd9d77/n/sl-rn-15-12-1-2-2020.pdf)
- 15.10 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5c87c933ec161c2c65d3c4b9/n/sl-rn-15-10-03-05-2019.pdf)
- **15.8 Release Note** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb391adad121c351dafee44/n/sl-rn-15-8-09-21-2018.pdf)
- **15.6 Release Note** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5ae74a1eec161cdd71c598c8/n/sl-rn-15-6-04-26-2018.pdf)
- **15.2 Release Note** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c01141ec161c8c312bf0d5/n/sl-rn-15-2-06-28-2017.pdf)
- 10.10 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c011416e121c730393055b/n/sl-rn-10-10-10-04-2016.pdf)
- 10.8 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c0113fec161c8f312bf0d7/n/sl-rn-10-8-9-8-2016.pdf)
- 10.6 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c0113eec161c562d2bf16c/n/sl-rn-10-6-24-1-15-2016.pdf)
- 10.4 Release Note (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c0113d6e121c6d03930591/n/sl-rn-104.pdf)

#### WebConfig Installation Guide Archive

• SightSensor WebConfig Installation Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf) (Release 15.6)

#### **System Guide Archive**

- SightLogix System Guide Gen2 and Gen3 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c2d5dead121cc81e2bf0eb/n/sightlogix-system-guide---gen3.pdf)
- SightLogix System Guide Release 5.4 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5e7922e4ec161ca13fc1fb20/n/sightloix-system-guide-54.pdf)

## SightLogix RMA Process

Last Modified on 03/11/2019 11:00 am EDT

Before requesting an RMA, try these basic troubleshooting steps for both SightSensors or SightTrackers:

- 1. Set a computer IP address to the same subnet as the SightLogix device to be tested.
- 2. Apply power to the SightLogix device.
- 3. See LED flash sequence (If no LED there is a power-related problem) = RMA needed
- After two minutes you should be able to ping the SightLogix device. (If no ping there is a network-related problem) = RMA needed
- 5. Open web page at SightLogix device IP address with a recent browser (Chrome 71.0.+ or IE 11.0.105+). If no web page is loaded by browser there is a OS-related problem in the SightLogix device = RMA needed

## If you are still having trouble with a SightLogix device after following the steps above, follow the procedure below.

- Refer to the Troubleshooting Guide (https://portal.sightlogix.com/help/troubleshooting-guide-for-sightsensors) for self-help actions you can take
- Search the SightLogix portal to see if your problem is known and can be easily solved.
- If no solution can be found, contact SightLogix support.
  - Please have the following information available: Device serial number (located on the side of the back assembly of your device), device firmware version (on the vitals or info page) and VMS type and version.
  - Email support@sightlogix.com ()
  - Call +1 609.951.0008, Option 2
  - A SightLogix support representative will determine if a common solution can solve your problem (reboot, firmware update, etc.) or if a factory repair is needed.
- If a factory repair is needed:
  - A ticket will be created in our support system for internal tracking.
  - We will provide you with an RMA number and mailing address to send your equipment. We will also request your return address.
  - Provide your name and return address with your unit.
  - Your RMA number must be on the outside of the box used to send your device to SightLogix.
- Once your device has been received at the SightLogix factory:
  - We will determine if your device is covered under warranty or let you know the cost to repair.
  - If there is a cost, we will request a Purchase Order (PO) and complete the repair process once received.

## Upgrading SightLogix Software and Firmware

Last Modified on 07/27/2021 3:41 pm EDT

There are two methods for upgrading SightLogix devices: Using the browser-based WebConfig or the Windowsbased SightMonitor application. Following the instructions for your chosen method below.

## Upgrading Firmware with WebConfig

Updating SightLogix firmware using WebConfig consists of the following steps:

- Access the latest firmware from SightLogix support (https://www.sightlogix.com/partner-portal/) (requires an active maintenance contract).
- Back up current settings This step is optional but recommended (current alarm policy and other information is not overwritten during an upgrade).
- Launch WebConfig, log into your device, click the Maintenance tab, and click Backup Configuration.

sightlogix <sup>*</sup> <	MAINTENANCE (SL-12014)	
NETWORK		
DEVICE	Upgrade Hirmware	
CALIBRATION	Slot One:         15.10.24.4a6ade09e9bdaead0           Slot Two:         15.10.24.4a6ade09e9bdaead0	bb8f64f25008a1b170f21d1 Db8f64f25008a1b170f21d1
POLICY	Boot Slot: 1	
MPEG / JPEG	Switch Slots Reboot Camera	Factory Reset
TRACKER		
WEB SERVER	Configuration Management	
	Backup Configuration Restore Configuration	Apply Template
INFO		
CAMERA NEIGHBORHOOD		
LOGOUT		

- Click Upgrade Firmware box.
  - Brings up a window to select the location and file name of the new firmware you have already downloaded.
  - Once selected click Open and firmware will upgrade the standby slot (slot that is in white print), and immediately when finished loading will reboot the camera to the newly loaded firmware (which will then be the blue text).
  - To upgrade the other slot, repeat the process again.
  - (Note: the camera will reboot after the firmware update process and the video will be interrupted during that time.)

## Upgrading Windows-based CS and SightMonitor

Prior to Coordination System (CS) Release 15.12.23, firmware updates were included in the CS software. Starting

with Release 15.12.23, firmware is provided separately from the CS.

• To upgrade firmware using a firmware file that has been provided to you from SightLogix support, first copy the file to:

C:\Program Files(x86)\SightLogix\CS\webserver\webapps\slcs\firmware\_images

• Then follow the directions starting with Upgrading the Firmware, below.

Installing new SightMonitor software— both the server (Coordination System) and client (SightMonitor)—over an existing installation consists of the steps below.

• Access the latest software from SightLogix support (requires an active maintenance contract) and run the install program.

(https://portal.sightlogix.com/help/back-up-database)

- Back up current settings (https://portal.sightlogix.com/help/back-up-database). This step is optional but recommended (current alarm policy and other information is not overwritten during an upgrade).
- Launch SightMonitor and log in.
- Upload the new firmware to both firmware slots of each SightLogix device.

### **Install New Software**

- 1. Double-click the downloaded file received from SightLogix Support and advance through the screens by clicking *Next*.
- 2. When the site license agreement screen appears, accept the terms as listed. You will not be able to continue unless you accept the terms as shown. Click *Next*.
- 3. When prompted, select the measurement units to be displayed. Select either US standards (feet, mph) or international standards (SI), which is the default and displays metric measurements. Click *Next*.
- 4. At the last screen, click Finish. You will see a notification that the software is installed.
- 5. You can now log in using a previously created username and password.

### **Upgrading the Firmware**

Now that SightMonitor has been installed, the next step is to send the firmware included with SightMonitor into both firmware slots of the device(s).

Note: During firmware upgrades, the network connection between the camera and the Coordination System will be busy; target detection updates will be delayed.

1. Save your new firmware file to C:\Program Files

 $(x86) \\ SightLogix \\ CS \\ Tomcat \\ we bapps \\ slcs \\ firmware_images$ 

2. Open the Firmware Upload dialog (right-click a device icon and select *Firmware Upload*; if you're upgrading all devices, select it from the site's Edit menu).

📕 Firmware Upgrade [SL-:	065]							
SL-5060	Firmware		Chosen Firmware Info-					
LAXComposite-crop	Version 🗸		Version: 15.2.25					
New 745 Alexander Rd		^	File Name: sightlogix. 15. 2. 25. c5b4ae430acf3e759c85833630104d2e1b77897f. 16777216.4	12516480.enc-cran	nfs			
	15.2.25		Server File Name: C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\firmware_ima	ages\sightlogix.15	.2.25.c5b4	lae430	acf3e75	9c85833
	10.8.76		File Size: 59293696					
SL-6855	5.6.6971		Encrypted SHA1: 3a5d28b1e6963e7cba5d1e7954b5f7dad73fd9bd					
SN1603			File Creation Time: 2016-12-19 10:54:09					
aquila 1795			Diagoostic: Validated					
aguila232								
New Site		~						
Newark Airport 🗸 🗸	Refresh List		Firmware images are located at:					
< >			\webserver\webapps\slcs\firmware_images					
Camera Firmware Info				ו	Upgrade S	elected	ł	
	Slot one: 15.2.8.73605e1	87cdd4bf10	77308c24d5a8f4dd49c106a.16777216.42516480		Upgrade A	All Sites		
	Last firmware status: Upgrade success	5600639DC	aor 1163e0 337d 16d 335cad 4, 16777216, 231735296		Boot to Ot	her Slo	t	
				1	Rebo	ot		

- 3. Click Refresh List to update the firmware list.
- 4. Select the version of firmware you want to load from the firmware list.
  - Gen1 and Gen2 devices use firmware version number 5 (for ex, 5.xx.bbbb).
  - Gen3 devices use firmware version number 10 (for ex, 10.xx.bbbb) or firmware version number 15 (for ex, 15.xx.bbbb)
  - When updating an existing camera, choose the software family running on the device that matches the family of firmware you are installing.
- 5. The highest numerical version number in the list is the most recent release.
- 6. Upgrade each Generation of devices to the highest firmware in the list. This will require running the upgrade process twice for each generation present on your network.
- 7. Click *Upgrade Selected* to upgrade only the selected device, or click *Upgrade All Sites* to update all devices at the site.

When new firmware is loading for a site, the progress bar is an average of all the devices. To see progress for an individual device, select the appropriate device icon.

Once the firmware is finished being uploaded, the device or all devices will be automatically rebooted.

Note: Devices hold two copies of the firmware for redundancy, each in one slot. It is required to perform this upgrade process two times so both copies of the firmware are loaded and are the same. Repeat until all devices report the same version of firmware on both slots.

For sites that have multiple-Generation devices, repeat the upgrade process for each generation two times.

If you experience problems using the new software, return to the Firmware Upload dialog, re-select the previous software (click Boot to Other Slot), and reboot. Then contact SightLogix (support@sightlogix.com () or +1 609.951.0008, opt 2).

To reboot all of the devices associated with the site to the current slot at one time, clickReboot.

## How to Back Up the Database

Last Modified on 02/23/2016 11:37 am EST

Below are instructions to back up the SightLogix SightMonitor database.

- 1. In SightMonitor, select "Edit" > "Backup data base now"
- 2. Once done, should have a new directory in
  - *C:\Program Files\sightlogix\cs\db\backups* with two files (slcs.properties and slcs.script)
- 3. Copy those files (slcs.properties and slcs.script) to a safe location. These are your database backups.

If the "Backup Database" command did not work in Step 1, refer to the alternate method below to complete the db backup.

- 4. Make note of your SightMonitor version and License Number by selecting Help > About in Sight Monitor.
- 5. Copy all map files to a safe location contained in map directory:

C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\site\_images

6. Copy your SightMonitor License file to a safe location. Your License file can be located by searching for *cs-cert-100000XXX.zip* 

Note: Do not unzip the License file; it must remain in a zipped state when requested by SightLogix installer.

#### **Alternate Method**

#### Follow the steps below to backup your database if the "Edit" > "Backup data base now" command fails.

- Note the currently installed SightMonitor version by logging into SightMonitor and selecting *Help > About*
- 2. Close all SightMonitor windows.
- 3. Start the Windows services (*services.msc*) window and manually stop the SightLogix service.
- 4. Open a Windows File Explorer window and go to: *C:*|*Program Files*|*sightlogix*|*cs*|*db*.
- 5. Copy the two files (slcs.properties and slcs.script) and place in safe location in case they are needed for recovery
- Name the directory where the files are contained with the SightMonitor version recorded in Step 1 (i.e. X\_X\_XXX for X.X.XXX). Thedatabase structure is specific to the major release of SightMonitor being used.
- 7. Start SightLogix service previously stopped in step 3.
- Copy all Map files contained in C:|Program Files (x86)|SightLogix|CS|Tomcat|webapps|slcs|site\_images to a safe location for reference if you need to reinstall SightMonitor.

# Swap an Existing SightTracker with a Replacement

Last Modified on 09/03/2015 11:09 am EDT

## Follow these instructions to swap an existing SightTracker that is in need of replacement.

- 1. Make note of the serial number of the new Sight Tracker
- 2. Set networking IP addrerss, gateway, mask and NTP on new Sight Tracker to same settings as Sight Tracker to be replaced on an isolated network or with original Sight Tracker off line.
- 3. Go to machine where Sight Monitor is running.
- 4. Close all sight monitor windows.
- 5. Start windows services (services.msc) window and stop the SightLogix service.
- 6. Open a file explorer window and go to: C:\Program Files\sightlogix\cs\db
- 7. Copy the two files there to a backup in case they are needed for recovery (slcs.properties and slcs.script).
- 8. Start SightLogix service stopped in step 4.
- 9. Start SightMonitor and select tracker to be replaced.
- L0. Select RMB and select disconnect icon will turn blue in color.
- L1. Connect new SightTracker by connecting RS422 analog video and apply power.
- L2. After SightTracker has initialized go to SightMonitor and select "Configure" in the SightTracker you are swapping.
- L3. In "Network" tab replace expected serial number with the serial number of the new SightTracker. Press "Save"
- L4. Select RMB on SightTracker and select connect icon will turn green in color and inherit all settings from data base.

# How to Replace an End of Life Camera in SightSurvey

Last Modified on 07/14/2022 1:10 pm EDT

On July 14, 2022, SightLogix announced the End Of Life for the NS3 and TC3 320x240 cameras, upgrading them with a 384x288 line. The new line offers wider coverage, 44% more pixels and a clearer thermal image, delivering a superior value.

If you have existing SightSurvey designs that use an 320x240 NS3 or TC3, it's very easy to replace them with a comparable 384x288. This tutorial shows you how.

### How To Distinguish an EOL Camera

An End of Life camera is indicated in the following manner:

• Camera icon is greyed out in your design



• The line item in the Camera List is red.

4	SightSensor HD 2 Series	HD236	Unnamed Camera	36	40.2216801,-74
5	SightSensor 3 (320x240)	N595-320	Unnamed Camera	40	40.2201236,-74
6	SightSensor 3 (320x240)	N5242-320	Unnamed Camera	16	40.2195829,-74

• The Materials list shows "Unknown"

HD236-220	1	SightSensor HD	Hybrid Thermal-Visible Smart Camera
SL-SS-NS95- 320	1	SightSensor ™ - GPS Video Analytic target sensor - (LWIR)	SightSensor™ - GPS Analytic Target Se Ethernet & Analog Video Interface
Unknown	2	Unknown	Unknown

### How to Replace an EOL Camera in SightSurvey

- Click the grayed-out device to activate it.
- Change your camera series to either NS4 or TC4 from the Drop-down Camera List at right.
- SightSurvey will <u>automatically</u> select the appropriate 4-series camera based on the original camera's detection coverage area.
- Confirm that the replacement meets your detection coverage needs. Re-orient if necessary.
- Save your design!

### Which 4-Series Camera Replaces My 3-Series?

NS3 Series	FOV / Detection Distance	Replacement Camera	FOV / Detection Distance
NS35-320	90°/35m	NS480-020	80°/50m
NS62-320	60°/62m	NS480-020	80°/50m
NS95-320	42°/95m	NS440-020	40°/110m
NS160-320	24°/160m	NS428-020	28°/160m
NS242-320	16°/242m	NS420-020	20°/235m
NS430-320	9°/430m	NS415-020	15°/300m
NS600-320	6.2°/600m	NS595-620 (640x480)	12°/595m
TC3 Series	Inbound Detection Distance/FOV	Replacement Camera	Inbound Detection Distance/FOV
TC35-322	90/35m	TC480-220	80°/50m
TC62-322	60/62m	TC480-220	80°/50m
TC95-322	42/95m	TC440-220	40°/110m
TC160-322	24/160m	TC428-220	28°/160m

Use the chart below to see which NS4 or TC4 replaces your EOL camera.

## **Create Raw Capture for SightLogix Support**

Last Modified on 10/25/2019 12:50 pm EDT

Note: These instructions are for SightMonitor version 10.6.21. Please verify that your installed SightSensor firmware is 10.6.74 using the Upgrade Firmware command in Sight Monitor.

### **Main Steps**

- Install the Mozilla browser which is used to download raw capture videos. Other browsers do not currently capture files properly.
- Once your SightSensor firmware version has been verified follow the instructions below to perform raw capture and return to SightLogix via FTP server
- 1. Open the following web page in the SightSensor you are trying to capture (using the IP address assigned to the device):

http://IPADDRESS/devel/
UN: backdoor
PW: backdoor

- 2. From the Engineering Diagnostics Command page that will be displayed, press the "capture" hyperlink and enter your login credentials.
- 3. From the Capture page that is displayed various functions are available including:

A.Start a new capture

B.Stop a capture that is in progress

- C.Directory list of captures taken under "Previous Captures" text
- D.Download of a previous capture by pressing download icon to right side of previous capture title

E.Deletion of a previous capture by pressing trash icon to right side of previous capture title

- 4. To start a usable capture set up the scenario you will use during the capture (person walking, etc.) and start capture for 1 minute before test activity begins by pressing "Record" button to provide video background history
- 5. After one minute, begin test activity (person walking etc.) and allow capture to store the video.
- 6. Press "Stop" button when finished recording.

The new recording will appear in list on right side.

- 7. Press the download icon to download to computer you are using. Be sure to download two files for each capture. One is rawCapture.XXXXX.txt the other is rawCapture.XXXXX.raw
- 8. Delete the recording after download has been confirmed to free up space in SightSensor for other

recordings.

9. If you want to delete the video and redo, press the Trash icon and start over at step 4 above.

\*Note that recording will consume 265 Mb/s and there is a download limit of 2Gb per capture file so do not attempt recording for more than 7 minutes.

10. Return large raw capture files recorded during capture session(s) to SightLogix using MailBigFile, Google Drive or FTP.

## SightLogix Design Guidelines

Last Modified on 07/16/2021 2:15 pm EDT

When preparing for your SightLogix installation, the following will help ensure a smooth, successful deployment.

### SightSurvey

Complete a SightSurvey (http://www.sightlogix.com/sightsurvey-tool/) to ensure that blind spots are properly covered and that detection FOVs cover areas as needed.

Confirm that an up-to-date Google Earth image is available, especially for newly constructed facilities. If a Google Earth image is not available, you can purchase a high-resolution Google Earth Pro aerial map from SightLogix. For the most current map it may be necessary to source an image from an aerial imaging company.

SightSensors must have a clear line of sight. They cannot detect through trees, buildings, fence fabric or other obstructions. Always conduct an in-person visit to walk the site. Physical obstructions may not be present on the aerial map or SightSurvey.

#### SightTracker Considerations

SightTracker alarmed target tracking performance is dependent on both the SightSensor (SS) and associated PTZ to be mounted at the same location (same pole). The PTZ should be mounted below the associated SightSensor. Mount your PTZ at 7 meters or higher.

If multiple SightSensors are mounted at a particular location it is possible to associate more than one SightSensor to a SightTracker/PTZ to minimize components and system cost.

If the colocation design requirement is not followed SightTracker performance will be affected and the alarmed target may not be followed in the PTZ FOV.

SightTrackers only support PTZ cameras on the SightLogix Certified PTZ (https://portal.sightlogix.com/help/sighttracker-thirdparty-ptz-support) list. Note that older PTZs that meet the requirements sometimes need updated firmware to work correctly.

### **Mounting Height**

SightSensors must be mounted at the proper height for expected detection accuracy. Higher mounting heights are usually better.

For cameras that will detect intruders 300 meters and below, the recommended mounting height is no less than 7 meters higher than the field of detection.

For cameras that will detect intruders 300 meters and above, the recommended mounting height is no less than 10 meters higher than the field of detection.

### **Pole Specifications**

Unique to SightLogix, SightSensors use electronic stabilization to address pole sway from wind, vibrations or other environmental factors. This eliminates camera shake as a cause of misdetects and nuisance alerts. However, the

following additional considerations should be taken, especially when detecting at longer ranges.

SightLogix recommends concrete, aluminum or steel poles. We do not recommend wood, telephone/utility or surveillance poles. (In addition to pole sway, wood poles will shrink, causing detection zones to shift unpredictably.) An example of a quality concrete pole is http://www.baldwinpole.com/concrete-products.html. (http://www.baldwinpole.com/concrete-products.html)

Best practices for pole selection and design include:

- Evaluate wind loading of all pole-mounted devices and establish maximum wind speed for normal operation. Use SightLogix Wind Induced Forces (https://dyzz9obi78pm5.cloudfront.net/app/image/id/58b07ddd91121c272343ce52/n/wind-induced-forces-sightsensorgen3.pdf) (http://www.sightlogix.com/wind-forces) to calculate wind loading for SightLogix devices. Use other manufacturer's data for other pole-mounted devices.
- Once you know the wind forces, refer to SightLogix Pole Mounting Guidelines
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63b32131c1a7d08b5c1/n/SightSensor-Pole-Mounting-GuidelinesGen3.xls) (link
   will download an .xls file) for maximum permitted pole deflection for each SightSensor type (i.e., NS600, etc.)
- Refer to your pole documentation to verify deflection will be less than the recommended maximum on the SightLogix Pole Mounting Guidelines
   (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63b32131c1a7d08b5c1/n/SightSensor-Pole-Mounting-GuidelinesGen3.xls) at

the wind speed selected.

- 4. When mixing SightSensors (i.e., NS600s with NS120s), always defer to the more sensitive deflection specification.
- 5. Use a camera bracket (for example, SL-MNT-EM1450 for Gen 3 Sight Sensor). Refer to the SightLogix Accessories datasheet for available mounting options (http://www.sightlogix.com/datasheets/).

### **Lightning Protection**

SightSensors have been designed using IEEE surge protection standards to protect against surges caused by environmental factors. While no equipment can withstand a direct lightning strike, precautions should be made to reduce the damage associated with lightning and other surge-related situations (see Protecting Your SightLogix Equipment from Electrical Surges (https://portal.sightlogix.com/help/surge-lightning-protection)).

It is strongly recommended that external surge protection methods be utilized at the pole to ensure proper grounding for all the electronic subsystems and components. For wired networks, use fiber to bring communications to the pole to further reduce the impact of electrical surges.

### **Network Infrastructure Requirements**

- 100 megabits/second or higher Ethernet infrastructure is required for network connectivity
- Open source Network Time Protocol (NTP) as per RFC-5905 is necessary for SightSensor time/date rules and for all SightTracker use. Proprietary time sources such as windows time server are not acceptable.

#### **Ports**

The following ports should be open for the SightLogix system. (There may be alternatives for some ports; check

with SightLogix support for details).

ТСР	UDP	
427 (discovery/slp)	427 (discovery/slp)	
80 and 8080 (http)	3702 (ONVIF Discovery) May be reported as ws-discovery	
443 (https)	3703 (ONVIF Discovery) May be reported as adobeserver-3	
8443 (https-alt)	5353 (discovery avahi/zeroconf)	
8009 (CS) (tomcat)	123 (ntp)	
19539 (cs)		
554 (mpeg4 video/rtsp)		
22 (ssh)		
2222 (ssh)		

### VMS

SightLogix systems require a supported VMS for viewing video at your site. Refer to VMS and PTZ integrations (https://portal.sightlogix.com/help/vms-and-ptz-integrations) for list of pre-integrated and supported third-party systems.

## Protecting Your SightLogix Equipment from Electrical Surges

Last Modified on 05/14/2019 10:50 am EDT

SightLogix devices are designed to meet or exceed international standards regarding transient suppression and immunity with proper chassis grounding. It is also a best practice to provide additional protection in the form of an external Transient Voltage Suppressor (TVS). This is especially true of areas with a high amount of lightning activity because as we all know lightning does not always follow logical pathways. The TVS is an inexpensive device that, when installed properly, will provide significant additional protection.

Outside of a direct lightning strike to a device itself, these surges most often enter the camera though the power and communication cables. To protect your equipment, install the suggested surge protection devices as outlined here. When installed properly as shown in this document, your equipment will be well protected from electrical surges.

Please note that all surge protection requires good grounding of the equipment chassis via low impedance earth ground for either built-in or external transient protection devices to operate as designed. This ground path is where transient voltages are directed away from the equipment's active electronics. *If a low impedance earth ground is not provided, much of the primary voltage transient protection will be rendered ineffective whether built in or external.* 

For SightLogix this grounding is accomplished through providing a good ground connection to the camera mounting bolt as shown in the following illustrations.

In all installations the use of shielded power and Ethernet cabling is strongly recommended to provide maximum protection from induced transient voltage. This is important whether external TVS components are used or not.

### Click the image for a larger, printable PDF version.



(https://dyzz9obi78pm5.cloudfront.net/app/image/id/58adf6c832131ce86d14e0ee/n/surge-protection-diagram.pdf)

- TVS recommended is L-Com types below or equivalent:
  - Ethernet AL-CAT5EHPW: http://www.l-com.com/surge-protector-outdoor-10-100-base-t-cat5e-hipower-lightning-protector-rj45-jacks

- Power ALS-D25P1228AW: http://www.l-com.com/surge-protector-weatherproof-lightning-surgeprotector-for-rs-422-rs-485-12-28vac-power-lines
- For best protection in high-risk lightning areas, use of a TerraStat with its own ground is recommended (*lightning rods are not recommended because they tend to attract lightning strikes*):
  - http://alltecglobal.com/products/lightning-protection/terrastat/.

Click Here to download the illustration as a printable PDF **%** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/58adf6c832131ce86d14e0ee/n/surge-protection-diagram.pdf)

## How to Download a Geo-Calibrated Image Using Google Earth

Last Modified on 09/13/2018 3:46 pm EDT

When you perform a GPS Map calibration with a SightSensor, you need a site map that represents your actual location. SightLogix can often provide this for you, but sometimes a custom site map is not available when your product ships. In this case, you can add your own geo-referenced topology map that represents your site using Google Earth, as described below.

- 1. Use a version of Google Earth that provides at least six digits of latitude and longitude resolution.
- 2. Download and install Google Earth.
- 3. Start Google earth and select Tools Options select in Show Lat/Long select Degrees for decimal degrees. Select Detail Area and select Large. Press OK to save and close window.
- 4. After Google Earth is installed and started press F11 to use full screen mode.
- 5. Next search the location where you need a calibrated map. Use the navigation tools to center the area of interest and permit some adjacent area coverage. Be sure to pan earth rendering to flat and no edge on view. Keep North exactly at the top of image for proper calibration (no rotation).
- 6. Go to your SightLogix Windows directory and select a sample .info file and press right mouse button (. Select Copy. Name the new info document something descriptive.info (for example TRAIN\_YARD.info). Open the new info document for editing by double clicking on the icon. Select the window with the new info document using left mouse button.
- 7. Next, in Google Earth you will copy calibration latitude, longitude for upper left and lower right as well as height and width measurements for the image as follows:
  - Press the push pin icon and move it to the extreme upper left corner of the image.
  - Highlight the latitude field not including the degree symbol and press control + C to copy the latitude digits.
  - Paste the latitude digits using control + V in to the .info file latitude field.
  - Highlight the longitude field not including the degree symbol and press control + C to copy the longitude digits.
  - Paste the longitude digits using control + V in to the .info file longitude field.
- 8. Go back to Google Earth and repeat step 4 above for the lower right corner.
- 9. Go back to Google Earth and press the ruler tool. Select meters. Carefully measure the image width and type the numbers to the proper info file width meters field.
- 10. Next select feet and retype the distance measured in to the width and type the numbers to the info file width feet field.
- 11. Using Google Earth press the ruler tool. Select meters. Carefully measure the image height and type the numbers to the proper info file height meters field
- 12. Next select feet and retype the distance measured in to the height and type the numbers to the info file height feet field.
- 13. Press clear in the Google Earth window to clear the measurement line. Close the ruler tool in Google earth.

- 14. Press File then Save in the info file window to save the modifications.
- 15. Go to the Google Earth window and select file then select save then image. Save the image to a location where you can find it (desktop etc.).
- 16. Copy image and info file to one of the following locations (for CS WebConfig users can save the file at a convenient location):
  - 32-Bit Systems: C:\Program Files\SightLogix\CS\Tomcat\webapps\slcs\site\_images
  - $\circ \ \ 64-Bit\ Systems: C:\ \ Cs\ \ Sight\ \ Logix\ \ CS\ \ Tomcat\ \ webapps\ \ site\ \ images$
- 14. Load site map in to CS and verify that there are no calibration errors reported when new site is loaded and saved.

## Swapping a 3rd Gen SightSensor with a New Camera

Last Modified on 04/27/2017 4:58 pm EDT

Follow these instructions when replacing an existing 3rd Gen SightSensor for a new SightSensor that ends with x20 part numbers. You can find your part number on the sticker outside of your new SightSensor.

Note that newer 3<sup>rd</sup> Generation SightSensors have slightly different IO connectors and plugs. Always use the new IO connector plugs provided with the new SightSensor. Existing IO connectors will not work with new SightSensors.

- Start SightMonitor, log in and disconnect the SightSensor to be replaced.
- Back up the database (https://portal.sightlogix.com/help/back-up-database) (click for instructions).
- Close SightMonitor.
- In a bench test environment, set the new SightSensor's IP address and networking

(http://portal.sightlogix.com/help/video-tutorials#IP) to the same as the Sensor being replaced (click for video instructions).

- Verify that the IP address is set and you can ping the SightSensor at the new IP address.
- Remove the existing SightSensor from pole.
- Mechanically mount your new SightSensor on the pole.

Use your existing wires to connect to the new IO connection plugs.

 Remove the previous IO connectors used by the old SightSensor and connect the wires to the new IO connectors supplied with the new camera.

Warning! The old IO connector plug will not work with the new SightSensor. You must use the new IO plug supplied with your new SightSensor. Refer to the diagram to confirm.





Note: The new SightSensor provides a different IO connector layout with two additional connections. These

include EarthGND for Ground Rod connection RelayNC for Form C Dry Contact use, if needed.

We strongly recommended using an Earth Ground; refer to Protecting Your Equipment from Surges (https://portal.sightlogix.com/help/surge-lightning-protection)).

### **New Outerboard**



- Apply power to new SightSensor.
- Verify that you can ping new SightSensor.
- Start SightMonitor and open "Configure" for SightSensor to be replaced.
- Change "Expected Serial Number" from old to new serial number. Press "Save".
- Now connect to SightSensor; the new camera should inherit calibration, zones and rules from old sensor via database.

#### **Older Outerboard**



## Replacing an IP PTZ Camera with a New IP PTZ

Last Modified on 11/14/2017 11:35 am EST

If your SightTracker has been configured to work with a particular IP PTZ, and you want to change to a different IP PTZ, you must first Factory Reset the SightTracker before adding the new PTZ camera.

Follow instructions here: http://portal.sightlogix.com/help/factory-reset

### How to Replace a SightLogix Rear Connector Board

Last Modified on 12/22/2017 12:12 pm EST

Required: Phillips screwdriver, replacement board

These instructions explain how to replace the SightLogix rear connector board. There is a black dot on your replacement to help distinguish the new board from the old one.



#### Step 1: Loosen the four screws to remove the back plate.

Back out the screws maintaining forward pressure until you feel the threads disengage. The gasket will hold the screws in place while the back plate is removed,



Step 2: Remove the six screws around the outside of the existing rear connector board.



3. Pull the rear connector board to unplug from the back pins and remove.









4. Install the new rear connector board, keeping it flat and pressing to make the back pin connections.





5. Replace the six screws to install the new rear connector board.




- 6. Make your wiring connections as needed.
- 7. Replace the four screws of the back panel.



# How to Replace a SightSensor Back Assembly

Last Modified on 05/01/2018 3:32 pm EDT

# **Before You Begin**

The new assembly shipped from SightLogix will only work with the **specific camera serial number** provided to SightLogix when you first requested your replacement assembly. Refer to the supplied information that came with your new assembly to match your existing unit with the replacement.

Note that that these instructions only apply to SightSensor NS models ending in -320 or -620. Refer to the label on the bottom of the camera to determine your model.



### **Tools Required**

- T15 or T20 Torx screwdriver
- #1pt Philips screwdriver
- 3/32" Allen Wrench
- Grounded, anti-static wrist strap
- Anti-static work surface

### 1. Loosen the four (4) rear Phillips screws on the backplate.



The back plate is held in place with screws which do not need to be removed entirely. Back out the screws maintaining forward pressure until you feel the threads disengage. The gasket will hold the screws in place while the back plate is removed.



2. Remove Back Plate from camera.



3. Remove the sun shield using 3/32" Allen wrench.



4. Remove the six (6) rear T15 or T20 screws on the back assembly.



- 5. Pull back assembly back to reveal the connectors.
- 6. Unplug the heater cable.



### 7. Unlock ribbon latch.



8. Unplug ribbon cable.



9. Set aside existing back assembly and obtain new assembly shipped from SightLogix.



**11.** Line up ribbon cable and latch connector on new assembly.



### 12. Swivel latch of new assembly to mate ribbon connector, and re-attach.

Connect the silver contacts toward the white back of connector where the contacts mate.



### 13. Reattach heater cable.

The 4 pin heater cable only fits one way; side tabs on heater cable connector and mate into board connector slots, push securely into connector.



14. Place back assembly on chassis and lightly turn six T15 or T20 screws to place. Then tighten all six in a cross pattern.



**15.** Replace the backplate using the supplied (longer) 440 flathead, 1/2" screws.



# 16. Re-attach sun shield using one of three screw holes as follows, turning briefly to place before tightening.

- Use the hole closest to front for all models except NS35-320, NS75-620, or NS100-620
- NS100-620: Use middle hole
- NS35-320 and NS75-620: Use rear hole



Refer to the label on the bottom of your camera to determine your model.



### 17. Place the old assembly in the supplied envelope.

Place the old assembly in the supplied anti-static wrap and promptly return to SightLogix in the provided box.

# **Configuring Firewall Rules on Remote Network for Direct SureView applications**

Last Modified on 03/24/2021 4:02 pm EDT

This article provides basic steps to configure a commercial off-the-shelf (COTS) router for remote access to multiple SightSensors. The example provided is one of several possible strategies. This is the simplest way for clarity.

It is assumed that you are using WebConfig to configure your SightSensors.

# Background

Monitoring companies may be required to install SightSensors in locations where there is limited network infrastructure or there are un-managed network switches. In these cases the router on site can be configured to allow video, alarms and web-based access to the equipment.

### **Application Notes**

- SightSensor is an IP appliance
- RTSP video is presented on port 554 for all SightSensors. This port is not configurable on the SightSensor and if there are multiple sensors installed at a particular site each sensor must have the RTSP port forwarded from another available port
- Each SightSensor has a web interface that can be accessed using a browser and port 80. If multiple SightSensors are installed and remote access is required these SightSensors must also have port 80 forwarded from another available port
- Alarm integration with SureView requires the SightSensor to provide an alarm with pre/post video attached on a specified port. This port is configurable within the SureView server with the default being 9006. The port must be open from the physical site where the SightSensor is installed (outbound) to the Immix server site (inbound)

In the example below there are two SightSensors onsite connected to a cellular modem. The ports used for WebConfig, RTSP video, and alarms were forwarded from outside to each unit, using available unused ports.

← → C (① Not secure   166.168.112.90.0000/admin/#Port ☆ ○ ● ■ ● ■ ■ ●							1	1	
c	radlepoint 🛥	0	•		Modern/LTE: dif Internal LPE-VZ	- Other Connection	IBR650 ns: 🍓 ethernet-wan	₽ •	۵
	G	🔒 Securit	y > Zone Firewall > Port Forward			Search			0
		Port For	warding Rules					٦	Set Help
4	DASHBOARD	🗿 Add 🧳 Edit 📀 Remove							
\$	CONNECTION MANAGER	Name		Internet P	Forwarding to		Protocol		
*	STATUS	rvr rvr 1		8086 8000	192 168.0 111 8086 192 168.0 111 8080		TCP & UDP TCP & UDP	1	
۲	NETWORKING	Came	ra 2 (S/N 13490) - WebConfig	8182	192 168 0 132 80		TCP & UDP	- 1	
•	RECUPITY .	Came	ra 1 (S/N 13587) - WebConfig	8181	192.168.0.126.80		TCP & UDP		
•	SECONIT	Came	a 1 (S/N 13587) - RTSP	555	192.168.0.126.554		TCP & UDP		
- 1	dentities Zone Firewall Zone Definition Filter Policies	Port Pro	xying Rules						
	Zone Forwarding Options Network Prefix Translation Remote Access Restriction	Name	Local Port(s)	Proxying	to	Pro	tocol	En	
	Port Forward R NAT								
	Certificate Management								
111	SYSTEM								

# Discovering SightLogix Devices with ONVIF Device Manager

Last Modified on 09/11/2018 2:08 pm EDT

If a SightLogix device is powered up on a network with dynamic addressing (DHCP service), it may be difficult to find which IP address has been assigned to a particular device. In this case, you can use ONVIF Device Manager (ODM) to discover the IP address of SightLogix devices.

- Download ONVIF Device Manager (https://sourceforge.net/projects/onvifdm/) (external link) on computer being used for configuration. These instructions assume ODM version 2.2.250.
- Start ODM and all devices will be listed with IP addresses and firmware version currently running, as shown.

ONVIF Device Manager v2.2.250						
You logged in as service Log out						
Device list	t	«				
Name, I	ocation or address	Cancel				
SightSens	SightSensor HD HD332-220 Networ					
Firmware	15.7.240					
Address	192.168.50.241					
Location	country/usa					
SightSens	or NS95-320 Intellig	en				
Firmware	15.6.85					
Address	192.168.50.177					
Location	country/usa					
SightSens	or HD HD355-220 N	etwor				
Firmware	15.7.230					
Address	192.168.50.22					
Location	country/usa					
SightSens	or Intelligent Netwo	rk				
Firmware	10.10.0					
Address	192.168.50.39					
Location	country/usa					
SightSens	or NS62-320 Intellig	en				
Firmware	15.4.129					
Address	192.168.50.121					
Location	country/usa					
SightSens	or HD HD236-220 N	etwor				
Firmware	15.4.102					
Address	192.168.50.152					
Location	country/usa					
SightSensor HD HD332-220 Networ						
Firmware	15.6.60					
Address	192.168.50.35					
Location	country/usa					
SightSens	or NS240-300 Intelli	ge				
Firmware	10.10.59					
Address	192.168.50.14					

# **Troubleshooting Guide**

Last Modified on 04/12/2019 12:01 pm EDT

If you experience trouble with your SightSensor, there are several self-help actions you can take, detailed below.

### **Getting Started Page**

Many common items are addressed in the "Getting Started with SightMonitor" page, including step-by-step video instructions for configuring your SightLogix devices with SightMonitor.

• Access Getting Started here: Getting Started with SightMonitor (https://portal.sightlogix.com/help/getting-started).

### SightMonitor Quick Reference

• Get to know the SightMonitor interface with the Quick Reference: SightMonitor Quick Reference (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59f8c83d6e121cd45ed22713/n/quick-reference.pdf).

### **User Guides**

- Installation Checklist (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5845d78191121c7d1cfbf6f0/n/sightlogix-systeminstallation-checklist.pdf)- Preparing for your SightLogix system
- SightMonitor Installation Guide (Release 15.x)

(https://dyz29obi78pm5.cloudfront.net/app/image/id/59c3d29aad121c00722bf112/n/sightlogix-thermal-sightsensor-installation-guide.pdf) and the second second

SightLogix Enterprise Security System Reference Guide

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c2d34aec161c59182bf1b2/n/sightlogix-enterprise-security-system-guide.pdf)

### **Solutions to Common Problems**

The SightLogix Support Portal (https://portal.sightlogix.com) offers many articles to solve common problems. Enter your issue in the search bar on the upper left of the Portal to find information relevant to your issue.

Some of the frequently referenced articles are below.

- SightSensor Default IP Address (https://portal.sightlogix.com/help/default-ip-address)
- How To Factory Reset SightLogix Devices (https://portal.sightlogix.com/help/factory-reset)
- Upgrading SightLogix Software and Firmware (https://portal.sightlogix.com/help/upgrading-cs-and-firmware)
- How to Back Up the Database (https://portal.sightlogix.com/help/back-up-database)
- Swapping a 3rd Gen SightSensor with a New Camera (https://portal.sightlogix.com/help/replacing-third-gen-sightsensors)
- Discovering SightLogix Devices with ONVIF Device Manager (https://portal.sightlogix.com/help/discovering-devicesodm)
- Swap an Existing SightTracker with a Replacement (https://portal.sightlogix.com/help/replace-sighttracker)
- Can Ping Device But Cannot Access WebConfig (https://portal.sightlogix.com/help/can-ping-device-but-cannot-accesswebconfig)

### Latest news and updates

The SightLogix portal offers news and updates about the latest features and issues with the SightSensor product line. It's located in the upper left of the Portal, or directly here:

https://portal.sightlogix.com/help/news-and-announcements-fd43b3e (https://portal.sightlogix.com/help/news-and-announcements-fd43b3e)

# How to Factory Reset SightLogix SightSensors?

Last Modified on 01/05/2023 11:09 am EST

If you do not have login credentials, follow the hardware reset process below.

### Web Browser Reset Process

Some SightLogix devices can be reset using a Web browser. Try this version first. Otherwise, use the Hardware Reset Process below.

### Firmware 15.6.x and Later

- If using SightMonitor, disconnect your device from SightMonitor (right-click your device from the left-side navigation and choose "Disconnect").
- Open a browser and enter the IP address of your device.
- Enter your username/password.
  - If SightMonitor was previously connected, select the Force Login checkbox.
- Click the Maintenance tab

sightlogix" <	MAINTENANCE (SL-12807)
NETWORK	
DEVICE	
CALIBRATION	Slot One:         15.10.22.8524bet2a1b2922527ca275bb1a8fec504451e18           Slot Two:         15.10.23.85935fd1564b5cd91024e5c0f80855344f2f677e
POLICY	Boot Slot: 2
MPEG / JPEG	Switch Slots Reboot Camera Factory Reset
TRACKER	
WEB SERVER	Configuration Management
MAINTENANCE	Backup Configuration Restore Configuration Apply Template
INFO	Capture Debug Information
CAMERA NEIGHBORHOOD	
ONLINE HELP	
LOGOUT	

- Click Factory Reset.
- The device will restart, and retain the same IP address.

### Firmware Prior to 15.6.x

- Disconnect your device from SightMonitor (right-click your device from the left-side navigation and choose "Disconnect".)
- Open a browser and enter the IP address of your device.

• The device homepage opens, as shown:



- Click the Network link at the upper right.
- The Network screen opens, as shown.

SL-5063 (SightSensor NS160-320)		View	Network	<u>Audio</u>
Network IP Address	192.168.50.121			
Network Static IP				
Network Gateway	192.168.50.6			
Network Netmask	255.255.255.0			
Sav	ve			
Reset to	defaults			
reboot	t now			
	SL-5063 (SightSe Network IP Address Network Static IP Network Gateway Network Netmask Sa Reset to reboor	SL-5063 (SightSensor NS160-320) Network IP Address 192.168.50.121 Network Static IP Network Gateway 192.168.50.6 Network Netmask 255.255.0 Save Reset to defaults reboot now	SL-5063 (SightSensor NS160-320) View   Network IP Address 192.168.50.121   Network Static IP •   Network Gateway 192.168.50.6   Network Netmask 255.255.255.0   Save Save   Reset to defaults   reboot now	SL-5063 (SightSensor NS160-320) View Network   Network IP Address 192.168.50.121 Image: Comparison of the sense of the sen

• Click "Reset to Defaults". (IP address information will NOT be changed.)

Note: If "Reset to Defaults" is not shown on your device, use the Hardware Reset Process, below.

### Hardware Reset Process

During the boot process, SightLogix devices will look for a short between Dry-Contact In and Relay-Out. Connect the wires as follows, and as shown below.



- Connect RelayCom with DRYIN-
- Connect RelayNO with DRYIN+
- Reboot the camera.
- Break the relay connection when you hear audible clicking within twenty seconds (continuous clicking sound, about 4 times/second)

When the relay condition is detected, the camera will monitor the short for 20 seconds, while toggling the Relay which will create a rapid clicking sound (about 4 times/second). If the you remove the short during the 20 seconds, the camera will reset all configuration values back to the Factory state and reboot.

When in Factory Default state, if the camera does not find a DHCP server on the network during the first 30 seconds, it will adopt the static address of 192.168.0.99 and Network Mask 255.255.255.0 and Broadcast address 192.168.0.255.

If DHCP is active, the server will provide an IP address and ONVIF Device Manager can be used to discover the IP address (https://portal.sightlogix.com/help/discovering-devices-odm) of your device.

# How to Factory Reset SightTracker PTZ?

Last Modified on 01/05/2023 11:18 am EST

# Hardware Reset Process

To reset your SightTracker PTZ to factory defaults, do the following.

- Press and hold the reset switch on the wire harness
- Power on the PTZ
- Wait until the LED on the bottom of PTZ blinks the reset pattern
- Release the reset switch while LED is blinking pattern.

# Cannot Reestablish Ethernet Link to SightSensor Connected to a Laptop

Last Modified on 09/03/2015 11:41 am EDT

# **Overview:**

3rd Generation SightLogix devices do not presently support auto network line reversal negotiation.

## Solution

If a SightLogix device is running and the network cable is disconnected and re-connected directly to a laptop, it will be necessary to do one of the following to reestablish Ethernet link connectivity:

- Cycle power to the Third Generation device and allow it to reinitialize
- Reboot the computer
- Use a crossover cable

# Windows Defender Blocks SightMonitor with Trojan: Win32/Powessere.G Alert

Last Modified on 10/02/2018 3:01 pm EDT

# Symptom: SightMonitor will not start. Windows Defender may falsely flag a component of SightMonitor as a Trojan Horse.

#### First, verify SHA1 checksum is valid

To verify that a virus has not been introduced, you can compare the SHA1 checksum from your installed rs.bat to the checksum for the original rs.bat in the SightLogix source code.

The expected SHA1 checksum for the file should be 2c9537dc157bdfb79e8886e70aa8ef63a7ea82f0

- Download and install Microsoft File Checksum Integrity Verifier (https://www.microsoft.com/enus/download/details.aspx?id=11533)
- Extract fciv.exe to a location you'll remember.
- Open a command prompt window, and enter the following command, replacing the first path with the location of where you saved fciv.exe:

C:\Users\user1\Documents>fciv.exe "C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\rs.bat" -sha1

The output should look like this: // // File Checksum Integrity Verifier version 2.05. //

 $\label{eq:linear} 2c9537dc157bdfb79e8886e70aa8ef63a7ea82f0\ c:\program\ files\ (x86)\sightlogix\cs\tomcat\webapps\slcs\rs.bat$ 

• Verify that the checksum in the command prompt matches the correct value, 2c9537dc157bdfb79e8886e70aa8ef63a7ea82f0

Once you have verified that a virus has not been introduced, two solutions are suggested below.

### **Short-term Solution**

Run SightMonitor as administrator. Right click on the application link in the start menu and select "run as administrator".

# **Permanent solution**

Configure the SightMonitor shortcut to always run as administrator:

- Navigate to this file path: C:\ProgramData\Microsoft\Windows\Start Menu\Programs\SightLogix
- There should be a shortcut to open SightMonitor in this folder. Right click the shortcut and click Properties.

- In the Shortcut tab, click Advanced towards the bottom.
- Check the box that enables Run as administrator.
- Click OK, Apply, then OK.

his PC > OS (C:) > ProgramData >	Microsoft > Windows > Start N	1enu → Programs →	SightLogix	
Name 🤈 ົ	Date modified	Туре	Size	
SightMonitor	10/2/2018 1:33 PM	Shortcut	3 KB	
SightMonitor Properties		×		
Colors Security	Details Previous Versions			
General	options Pont Layout			
Sight Monitor				
Target type: Windows Batch	File	1		
Target location: slcs		4.		
Target: 36)\SightLogix\@	S\Tomcat\webapps\slcs\rs.bat"	Advanced Pro	perties	×
Start in: "C:\Program File	s (x86)\SightLogix\CS\Tomcat\w	Choose	se the advanced properties you want	for this shortcut.
Shortcut key: None				
Bun: Minimized	~	Run as a	dministrator	
Comment:		This optio	on allows you to run this shortcut as an ator, while protecting your computer f	n from
Open File Location Cha	nge loon Advanced	unaturo	red activity.	
Open file Eddation	2	🗹 Run in se	parate memory space	
	э.			
		5		

Next, make an exception to Windows Defender to ignore the component in regular virus scans: :

- Open Windows Defender Security Center.
- Click Virus & threat protection.
- Click Virus & threat protection settings, as shown

÷	Windows Defender Security Center	-	×
=	$\bigcirc$ Virus & threat protection		
6 0	View threat history, scan for viruses and other threats, specify protection settings, and get protection updates.		
ې س	<ul> <li>Threat history</li> <li>Last scan: 9/23/2018 (quick scan)</li> <li>17264</li> <li>Threats found Files scanned</li> </ul>		
8	Scan now		
¢\$	Run a new advanced scan		
(	<b>% Virus &amp; threat protection settings</b> No action needed.		
	G Virus & threat protection updates		
	Last update: 9:25 AM Tuesday, September 25, 2018		
	Ransomware protection Set up OneDrive for file recovery options in case of a ransomware attack. Set up OneDrive		
	Dismiss		
٢			

• Scroll to Exclusions, and click Add or remove exclusions.

÷	Windows Defender Security Center	-	×
=	Privacy statement		
â			
0	Automatic sample submission		
Q	Send sample files to Microsoft to help protect you and others from		
(q))	personal information.		
	On On		
	Privacy statement		
8			
Å	Submit a sample manually		
~	Controlled folder excern		
	Controlled tolder access		
	changes by unfriendly applications.		
	Manage Controlled folder access		
	Exclusions		
(	Windows Defender Antivirus won't scan items that you've excluded. Excluded items could contain threats that make your device vulnerable.		
	Add or remove exclusions		
	Notifications		
	Windows Defender Antivirus will send notifications with critical information about the health and security of your device. You can specify which non-critical notifications you would like.		
	Change notification settings		
٢			

• Click Add an exclusion > File, as shown



- Navigate to C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\rs.bat
- Windows may ask for your permission to make changes. Allow the changes.
- Reboot the PC for changes to be effective.
- SightMonitor should now start without Windows Defender detecting a threat.

# Can Ping Device But Cannot Access WebConfig

Last Modified on 04/12/2019 12:01 pm EDT

If you can ping a SightLogix device but cannot access WebConfig via its IP address (you might receive a 404 Not Found) in your browser, try the following:

- Clear your computer's Java cache (https://wiki.umbc.edu/pages/viewpage.action?pageId=5244802) (opens external link).
- Try access the device using a different and supported web browser (for example, Internet Explorer and always use the most recently available version)
- Connect your computer directly to the camera via an Ethernet cable to bypass networking devices, such as a switch, etc.
  - If you can connect directly, try changing the Link Speed in your switch from "Auto" to "100 MB".

# **Understanding Flashing LEDs on a SightSensor**

Last Modified on 04/11/2018 4:42 pm EDT

3rd Generation SightSensors provide an LED indicator which is used to describe boot progress.

# **Normal LED Progression**

After applying power to a camera, the normal LED sequence is:

#### Solid Red

The camera has power and is trying to load the firmware - approximately 8 seconds

**Flashing Red** (1/4 Sec on, 1/4 Sec off) The camera has loaded the firmware and is starting to boot - approximately 4 seconds

Alternating Red/Green (1/4 Sec Green, 1/4 Sec Red) Camera is attempting to find a network - approximately 4 seconds

#### Flashing Green (1/4 Sec on, 1/4 Sec off)

Camera has found a network; for DHCP, the IP address has not yet been found. Camera will check all hardware and establish all services at this stage - approximately 18 seconds

#### Solid Green

Camera has finished booting and after 3 seconds will show the last octet of the IP address approximately 3 seconds

#### **Flashing IP**

See below - approximately 8 seconds flashing followed by 3 seconds of solid green

#### Off

After 2 minutes, the LED turns off no matter what it was indicating

### **Factory Reset Case**

#### Fast Alternating Red/Green (1/8 Sec Green, 1/8 Sec Red)

LED only shows this when camera has detected reset jumper shorting relay to Dry Input pins - 20 seconds

### IP

#### Interpreting the Flashing IP

If the camera successfully boots, after showing solid green for three seconds, the camera will flash out the last octet of the IP address in binary, e.g.

- If the IP address is 192.168.50.148 then the camera reports 148
- 148 decimal is 0xA4 in hexadecimal
- 0xA4 is binary 10010100, indicated as Red Green Green Red Green Red Green Green

# **Failure cases**

If the camera does not show solid green for 3 seconds, the camera will show one of these states for approximately 8 seconds before showing solid red again (indicating the start of a new boot cycle)

#### Off

If the LED never turns on at all, check the power connections to the camera. When it receives power, the LED will show solid red

#### Solid Red

Camera failed to boot firmware. You will see a brief blink of the Red LED every 15 seconds when the camera attempts to boot again.

#### Alternating Red/Green

Camera did not find a network, the Ethernet has no link

#### **Flashing Green**

Camera did not establish IP address via DHCP or otherwise failed to complete the boot process

# SightSensor Gen2 to Gen3 Upgrade Program

Last Modified on 01/12/2017 3:58 pm EST

SightLogix announced the End of Life (EOL) for Second Generation (Gen2) SightSensors in May, 2015. In response, we have created a cost-effective **Gen2 to Gen3 Upgrade Program** for customers who would like to replace their existing Gen2 SightSensors with new Gen3 models. This is a completely voluntary program, and you can continue to use your existing Gen2 SightSensor if it is operating to your satisfaction.

#### Here's how the Gen2 to Gen3 Upgrade Program works:

- Place an order for an Upgrade Program for each SightSensor you want to replace (prices available through you SightLogix Regional Sales Director). Program includes the necessary conversion cable.
- Return your existing Gen2 SightSensor(s) to the SightLogix factory. Your existing unit must have a functioning thermal imager.
- We will remove the thermal imager from your Gen2 unit and place it into a new Gen3 SightSensor, which includes an all-new enclosure with smaller footprint, enhanced processor board, lower power consumption, and Ethernet-out connection (replacing the Gen2 Mil-Spec connector).
- We will test and return your new Gen3 SightSensor ready for use.
- You can use the included Gen2 to Gen3 Conversion Cable to connect to your existing U-XX Gen II cable, or choose to pull new conventional Ethernet and power for the Gen3 unit.
- Your upgraded Gen3 SightSensor will qualify for a standard, one-year warranty, excluding the original thermal core.
- Please note that NS620 Gen2 cameras are excluded from this program.

The Upgrade Program also requires a mandatory firmware software upgrade for each site to run the Gen3 cameras.

Please contact your SightLogix Sales Director for any questions or to apply for the Upgrade Program.

### **Contact SightLogix**

Call: +1 609.951.0008 x109 Email: sales@sightlogix.com ()

# SightLogix Part Number Overview

Last Modified on 03/04/2019 12:53 pm EST

SightLogix products use a three-part numbering scheme to indicate hardware specifics.

### Example: NS-100-620

- NS indicates the device model:
  - NS: Thermal SightSensor (stands for Night Sentry)
  - TC: Thermal and visible SightSensor for critical sites
  - HD: Thermal and visible SightSensor for shorter distances
  - ST: SightTracker PTZ controller
- -100 indicates the far end distance that a SightSensor can detect a human-size inbound target.
- -6xx indicates the thermal resolution
  - -3xx = CIF resolution, 320 x 240 pixels
  - -6xx = 4 CIF resolution, 640 x 480 pixels
- -x20 indicates manufacturing designation for internal processor board
  - -x10 reflects the addition of a smart stabilization improvement, which uses an onboard gyro in addition to software-based scene stabilization (the camera automatically chooses the best option).
  - -X20 reflects the -x10 improvements and adds:
    - Faster processor
    - Improved surge protection
    - Form C dry contact added (prior dry contact was Form A)
    - Ethernet port moved to center of outer board (for easier access)
    - Earth ground pin added
    - Slightly modified I/O connector plug (green terminal plug on outer board)

### How to Determine Your SightSensor Model

Refer to the label on the bottom of your device to determine your model.



# Sales & Marketing

Last Modified on 10/22/2021 11:54 am EDT

### **Product Datasheets**

• Datasheets are available on the SightLogix public website, here (http://www.sightlogix.com/datasheets/).

### **More Resources**

#### Follow SightLogix on LinkedIn!

https://www.linkedin.com/company/sightlogix/

#### White Papers

• White papers are available on the SightLogix public website, here (http://www.sightlogix.com/white-papers/).

# SightSensor 2nd Generation End of Life

Last Modified on 07/14/2022 9:17 am EDT

#### May 1, 2015

SightLogix is initiating the End of Life (EOL) process for our Second Generation SightSensor. Pursuant to the terms of your agreement with SightLogix, this letter serves as your formal written end-of-life notification for your SightSensors, which will allow for appropriate planning and opportunity for last time purchases.

SightLogix will continue to offer and provide support for the End of Life SightSensor products for three (3) years from the date of the EOL notification.

The objective is to smoothly transition customers to the new products by planning to the following milestones:

#### SightSensor End of Life (EOL)

EOL Notification	May 1, 2015
• EOL Final, non-cancellable, non-returnable orders due	Oct 31, 2016
EOL Last Ship Date	Dec 31, 2016
End of Support	June 1, 2018

#### **Replacement Products**

Third Generation SightSensors are the replacement products for Second Generation products.

Please contact SightLogix Sales for any questions or concerns that you may have +1 609.951.0008 option 1.

# SightSensor 1st Generation End of Life

Last Modified on 07/14/2022 9:17 am EDT

#### Dec 31, 2012

This letter is a formal notification that SightLogix is initiating the End of Life (EOL) process for our First Generation SightSensor. Pursuant to the terms of your agreement with SightLogix, this letter serves as your formal written end-of-life notification for your SightSensors, which will allow for appropriate planning and opportunity for last time purchases.

SightLogix will continue to offer and provide support for the End of Life SightSensor products to the best of our ability.

The objective is to smoothly transition customers to the new products by planning to the following milestones:

#### SightSensor End of Life (EOL)

•	EOL Notification	Dec 31, 2012
•	EOL Final, non-cancellable, non-returnable orders due	June 30, 2013
•	EOL Last Ship Date	Dec 31, 2013

#### **Replacement Products**

Second Generation SightSensors are the replacement products for First Generation SightLogix products.

Please contact SightLogix Sales for any questions or concerns that you may have +1 609.951.0008 option 1.

Note: Gen II SightSensors have also been End of Life'd. Gen III SightSensors are now the replacement for both Gen I and Gen II.

# SightSensor NS 320x240 End of Life

Last Modified on 07/14/2022 9:19 am EDT

#### July 14, 2022

SightLogix is initiating the End of Life (EOL) process for our SightSensor NS 320x240 series.

Affected products are:

NS35-320, NS62-320, NS95-320, NS160-320, NS242-320, NS430-320, NS600-320

Pursuant to the terms of your agreement with SightLogix, this serves as the formal written end-of-life notification for NS 320x240, which will allow for appropriate planning for support and future purchases.

SightLogix will continue to provide support for the End of Life SightSensor NS 320x240 products for three (3) years from the last ship date announced below for those customers with a valid support contract.

The objective is to smoothly transition customers to the new products by planning to the following milestones:

#### SightSensor End of Life (EOL)

- EOL Notification: July 14, 2022
- End of SightSurvey Availability: July 14, 2022
- End of Support: July 14, 2025

#### **Replacement Products**

Effective immediately, SightSensor NS4 Series cameras are the replacement products for NS 320x240 Series cameras. You can find the specifications on the SightLogix SightSensor website: https://www.sightlogix.com/products/sightsensor-ns/.

Please contact your SightLogix Sales Director for any questions or concerns that you may have: +1.609.951-0008 option1, or sales@sightlogix.com ().
# SightSensor TC 320x240 End of Life

Last Modified on 07/17/2023 4:51 pm EDT

#### July 14, 2022

SightLogix is initiating the End of Life (EOL) process for our SightSensor TC 320x240 series.

Affected products are:

TC35-322, TC62-322, TC95-322, TC160-322

Pursuant to the terms of your agreement with SightLogix, this serves as the formal written end-of-life notification for TC 320x240, which will allow for appropriate planning for support and future purchases.

SightLogix will continue to provide support for the End of Life SightSensor TC 320x240 products for three (3) years from the last ship date announced below for those customers with a valid support contract.

The objective is to smoothly transition customers to the new products by planning to the following milestones:

#### SightSensor End of Life (EOL)

- EOL Notification: July 14, 2022
- End of SightSurvey Availability: July 14, 2022
- End of Support: July 14, 2025

#### **Replacement Products**

Effective immediately, SightSensor TC4 Series cameras are the replacement products for TC 320x240 Series cameras. You can find the specifications on the SightLogix SightSensor website: https://www.sightlogix.com/products/sightsensor-tc/.

Please contact your SightLogix Sales Director for any questions or concerns that you may have: +1.609.951-0008 option1, or sales@sightlogix.com ().

# **Archived VMS Instructions**

Last Modified on 05/13/2022 9:37 am EDT

## **VMS Instructions Archive**

Note: These instructions cover older SightLogix firmware versions.

- AMAG Symmetry (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca8c32131ca17c08b5c8/n/AMAG-Symmetry-SMS-v6.pdf)
- Cisco VSMS (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca8e32131ca17c08b5cb/n/Cisco-VSMS-v5.pdf)
- Dedicated Micro (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca8f32131ca17c08b5cc/n/Dedicated-Micro.pdf)
- Genetec Omnicast (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9332131ca17c08b5cf/n/Genetec.pdf)
- Geutebrück GeViScope ⊗ (https://dyzz9obi78pm5.cloudfront.net/app/image/id/627e5edb65a1106cc46f11f7/n/geutebrck-geviscope-version-5-2022.pdf)
- Honeywell (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9532131ca17c08b5d2/n/Honeywell.pdf)
- Lenel (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9632131ca17c08b5d3/n/Lenel.pdf)
- March Networks (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9732131ca17c08b5d4/n/March-Networks.pdf)
- March Networks Command Professional (https://portal.sightlogix.com/help/march-networks-command-professional)
- NICE NiceVision (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9a32131ca17c08b5d6/n/NICE-NiceVision-v11.pdf)
- OnSSI NetDVMS (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9a32131ca17c08b5d7/n/OnSSI-NetDVMS.pdf)
- Panasonic WJ (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9b32131ca17c08b5d8/n/Panasonic-WJ.pdf)
- **Proximex Surveillint\f** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9d32131ca17c08b5da/n/Proximex-Surveillint-v4.pdf)
- Salient Systems (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9e32131ca17c08b5db/n/Salient-Systems-3.8.2.pdf)
- Verint Nextiva (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9ca9f32131ca17c08b5dc/n/Verint-Nextiva\_v5.pdf)
- ViconNet (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55f1baa732131c130cb182e8/n/ViconNet.pdf)

# **UAS Sales and Marketing Resources**

Last Modified on 08/07/2019 3:11 pm EDT



Welcome to the UAS Sales and Marketing portal. You'll find videos, product overviews and other resources. Questions? Send an email () and let us know!

## **Video Clip Demos**

Your browser does not support HTML5 video.

# Click To Download Zip Archive of Clips (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d360f15ad121cb236ebdbb0/n/uas-sightsensor-hd-clips.zip)

## **Sales Resources**

Solution Summary - End User Features and Benefits \u00b8

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d4aea2a8e121c113dfb15f7/n/outdoor-video-security-uas.pdf)

• End User PPT Slides 🗞 (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5d4aea816e121c4f4563f552/n/customer-slidessightlogix.pptx)

# SightLogix AI Considerations

Last Modified on 12/11/2023 11:34 am EST

SightLogix AI Alarm Filtering helps reduce nuisance alarms for all Gen4 SightSensors, both thermal-only and dual-sensor cameras.

It is currently enabled through a firmware update.

It will analyze a detected target and filter out (ignore) objects that are NOT classified as a person, as a vehicle, or as a person or vehicle.

## What You Will Need

- A properly installed and calibrated Gen4 SightSensor (refer to the WebConfig installation manual (https://portal.sightlogix.com/help/getting-started-web-config))
- The latest AI-enabled firmware from SightLogix (refer to Upgrading SightLogix Software and Firmware (https://portal.sightlogix.com/help/upgrading-cs-and-firmware) instructions).
- Access to your device's WebConfig interface (the AI filter is enabled via WebConfig only)
  - If you are using Classic SightMonitor (Java application) to manage your device, additional steps are required. Click here for instructions (https://portal.sightlogix.com/help/using-ai-firmware-in-gen-4-sightsensor-managed-bysightmonitor-classic) and then return to this page.
- Ensure that all SightLogix Design Guidelines (https://portal.sightlogix.com/help/sightlogix-design-guidelines) have been addressed

## **AI Alarm Filter Key Points**

- The AI filter operates on the thermal stream of a SightSensor, even in thermal/visible devices. This enables AI target classification for more situations (e.g., at night).
- The AI filter is enabled on a Zone basis, similar to other analytic filters (target height, width, speed, etc.).
  - This also gives you the flexibility to draw Zones that have/don't have AI enabled, as your application requires
- Updating a device to the AI firmware will <u>not</u> overwrite any existing zones.
  - However, if you choose to downgrade the device to an earlier firmware that does not include AI, you
    must reset the device to Factory Defaults, apply the downgraded firmware, and redraw the camera's
    zones.
  - $\circ~$  As always, be sure to back up your device before updating to the new AI firmware

## **AI Considerations**

#### **General Considerations**

Al classification is applied on objects that are within 50% of the inbound detection range of the SightSensor.

- This inbound range is published on the sensor's data sheet for the camera model and lens type (https://www.sightlogix.com/datasheets/)
- The AI operating range is also indicated by a line in the camera's view as a visual aid (TBD)

Objects that are beyond 50% of the camera's inbound detection range will <u>continue to be detected</u> according to the Zone's non-AI policies (i.e., Target Duration, size, etc.). This approach helps ensure detection reliability for targets that enter the scene beyond the AI's range.

#### **Target Visibility**

Classification accuracy can be affected by the following conditions:

- Targets that are occluded by other objects and only partially visible, for example vegetation
- Object characteristics that are not clearly visible, for example wheels of a vehicle, legs of an animal, etc.
- Objects that overlay each other or group together, for example a group of pedestrians, or cars in traffic

#### Scene Contrast

Al classification requires enough contrast between targets and background. High humidity, fog, or other environmental conditions can reduce contrast.

#### Human Posture

Al classification works best when people appear in full, upright position, rather than bent over towards the ground

## How to Enable the Al Alarm Filter

• Click Policy to reveal the Zones tab, as shown



• Click the Edit Rule button to open the Rules tab, as shown

Туре	Description	Alarm Condition	+
Alarm 🖌	field	Human Detection 🗸	

• Scroll down to the Al Alarm Filtering section, as shown.

sightlogix <sup>*</sup> <	POLICY (SL-26290)		
NETWORK	Zones Rules		
DEVICE	Zone	field	
CALIBRATION			
POLICY	Rule Type	Description	•
MPEG / JPEG	Motion 👻	Human Detection	×
TRACKER			
WEB SERVER	Duration (sec.) 0.5	From Zone NO ZONE	
MAINTENANCE	Target Height (feet)	Target Width (feet)	
INFO	Min 3	Min 1	
CAMERA NEIGHBORHOOD	Max	Max	
RECORDING	Target Aspect Ratio (width/height)	Target Speed (mph)	
	Min	Min	
	Max	Max	
	Target Heading (degrees)	AI Alarm Filtering	
	Min	Select Everything Except Person and Vehi	cle Y
	Max	Off Everything Except Person and Vehic	
		Everything Except Person	
		Everything Except Vehicle	

To enable AI, choose an option from the AI Alarm Filtering drop-down.

Four options are provided:

Off (Default). The Zone will not filter alarms based on AI.

Everything Except Person and Vehicle will send alarms for people and vehicles only.

Everything Except Person will send alarms for people only.

Everything Except Vehicle will send alarms for vehicles only

• Click Save to save your settings and enable AI on your device.



## **Capturing AI Training Data**

SightLogix has enabled an easy-to-use Capture facility that protects your site's privacy while delivering two important benefits:

- Capturing data for SightLogix will help improve the SightSensor AI model's accuracy
- Capturing data from a site that is experiencing nuisance alarms will <u>directly</u> improve the performance of your particular camera at that particular site.

Note that the Capture tool can be enabled even if you have not enabled the AI filter.

- For sites that are experiencing a high degree of nuisance alarms, capturing data BEFORE enabling AI is highly recommended.
- This will allow SightLogix to run the most current AI model against the capture, determine the AI's likely performance, and either train the model using the capture and return an updated firmware, or suggest enabling AI in its current form

## Addressing Privacy Concerns

We have taken several steps to ensure the privacy of the capture taken by a SightSensor in the field:

- The file generated by the Capture tool is fully encrypted
- The capture is only taken from the thermal stream; no identifiable details are included (for example, no faces, clothing color, writing on signs, license plates, etc.)
- An example of an actual capture is below note the absence of any identifiable data:



### To enable a capture, do the following:

- Click the Device tab in the left-side navigation menu and scroll to the "AI Capture" section of the page
- Click "Enable AI Recordings" as shown

sightlogix <sup>a</sup> <	DEVICE (SL-26290)						
NETWORK	Device Description						
DEVICE	Time Zone	(GMT-05:00 DST) Eastern Time (U.S. Canada, Bahamas, Haiti) 🗸 🗸					
CALIBRATION							
POLICY	Device GPS Location						
MPEG / JPEG	Day/Night Mode	Auto Sense with LED		Sunrise Offset (min)		Sunset Offset (min)	
TRACKER							
WEB SERVER	Next Day/Night Event						
MAINTENANCE	Dual Sensor Analytics	Low False Alarm		■ Night DSA		Shock Detection	
INFO	VMS Type	ONVIF H.264			Relay Out Mode	Disabled	
CAMERA NEIGHBORHOOD	Motion On Event Servers	Custom			Video Out Mode	NTSC	
RECORDING							
	Motion Off Event Servers						
		Alarm Test Clip Ba	ndwidth Stats				
	Last Clip Timestamp	Outdoor Made					
	Anti Hicker		<b>`</b>			Z Enable Heater	
	Al Captures	Enable Al Recording for	r SightLogix				
		350.9M Nov 13 18:25 350.9M Nov 16 12:47 113.8M Dec 7 14:07					

Once enabled, the system will begin to capture scene data to the camera's internal flash drive.

A total of five captures are stored, after which the sensor stops recording data.

#### To send capture data to SightLogix:

• Click the blue filename to download the capture

Al Captures	📽 Enable AI Recording for SightLogix				
	512.0M Nov 1 350.9M Nov 1 113.8M Dec 7		<u>00000005-000070290-19591231T1902327m0500.taic</u> 00000006-000026290-20231113T1825212mQ <sup>11</sup> 90.taic 00000007-000026290-20231285T183456Zm0500.taic		
F1000007 0F00 -					

- Do the same for all existing captures
- Once downloaded, click "del" to delete the capture(s)
- You can choose to pause the capture processing by unchecking the Enable box.
- Upload the captured files to SightLogix's secure DropBox account using the link provided in your email from SightLogix support

# Using AI Firmware in SightSensor Managed by SightMonitor Classic

Last Modified on 12/08/2023 3:34 pm EST

SightLogix AI Alarm Filtering is enabled and managed via the device's WebConfig interface. To use AI functionality in a Gen 4 device presently managed by SightMonitor1 ("SM1", which is the JAVA-based SightMonitor), do the following.

- Backup the database in SM1 using Backup > Database command
- Update firmware in the device (s) that will be using AI firmware to V16.2.122 (this step enables WebConfig in your device, in preparation for enabling the AI firmware, below)
- After a reboot, disconnect the device from SM1 that will be using AI firmware
- Once disconnected, <u>remove</u> the sensor from SM1 that will be using AI firmware
- Login to Webconfig at the IP address of the device (default username and password is root/push2edg)
- Update the device to the AI firmware provided by SightLogix by clicking Maintenance > Upgrade Firmware (refer to Upgrading SightLogix Software and Firmware (https://portal.sightlogix.com/help/upgrading-cs-and-firmware) for instructions).
- Upgrade a second time after the automatic reboot to get AI firmware in both firmware slots.
- Import and save the map and cal files as described in the SightSensor WebConfig Installation Guide.pdf (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf) (under "Troubleshooting: Performing GPS Map Calibration
- Verify calibration is good as described in SightSensor WebConfig Installation Guide.pdf (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5acba1b9ad121c034cea607a/n/sightsensor-webconfig-installation-guide.pdf). If not recalibrate the device.
- Verify rules and policies were transferred and are the same as was previously configured in SM1. If not, configure rules and policies as required.