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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-detection-camera/
- 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 browser-based 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-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)
- SightTracker WebConfig Installation Guide (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5bb5160f6e121cae3e74dc14/n/sighttracker-webconfig-installation-guide.pdf) - Instructions for installing and calibration your SightTracker with WebConfig
- 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-system-installation-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 SightSensor HDs managed by Windows-based SightMonitor software

Procedures

- **SightSensor Maintenance Procedures**
  (https://dyzz9obi78pm5.cloudfront.net/app/image/id/5a6b77486e121c60341ff816/n/document-pn-5-3000018-001-sightsensor-maintenance-procedures.pdf)

- **Pole-Mounting Guidelines (3rd Generation)**
  (https://dyzz9obi78pm5.cloudfront.net/app/image/id/55e9c63b32131c1a7d08b5c1/n/SightSensor-Pole-Mounting-GuidelinesGen3.xls)

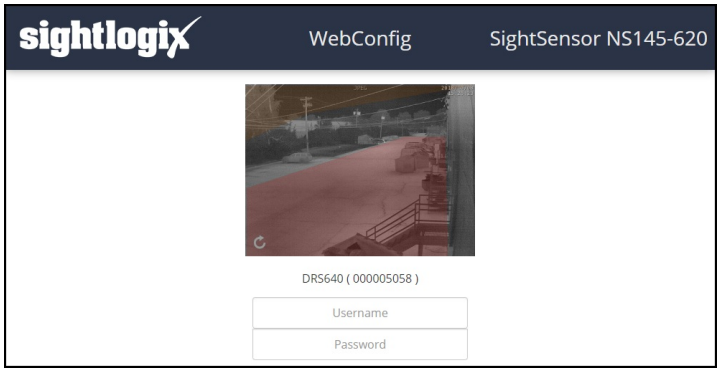
- **Wind Induced Forces (3rd Generation)**
  (https://dyzz9obi78pm5.cloudfront.net/app/image/id/58b07ddd91121c272343ce52/n/wind-induced-forces-sightsensorgen3.pdf)

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.

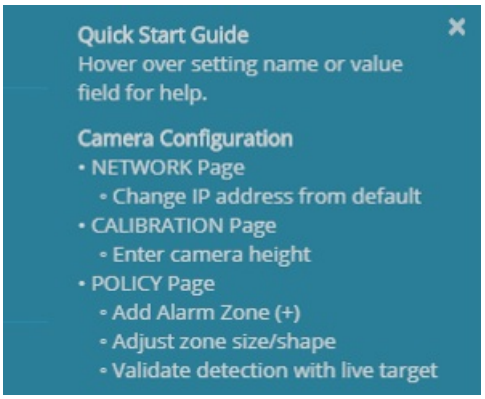
Live Camera Snapshot on the Login Page



- 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.

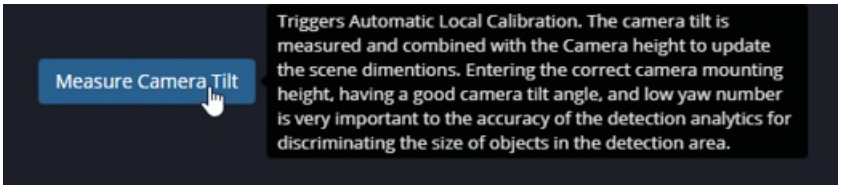
Quick Start Guide

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



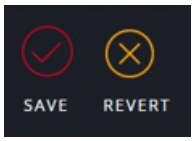
- Close the window by clicking the “X” in the upper right.
- This pop-up re-opens each time you login **until** you create your first rule under POLICY.
- Deleting all policy rules will cause the Quick Start to reappear.

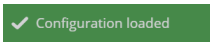
Tool Tips



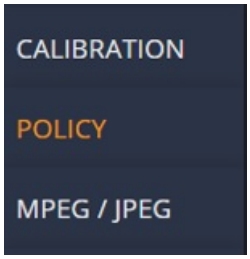
- Hover your mouse over any field name OR field entry for helpful information about the feature and the expected entry format.

Saving Parameters



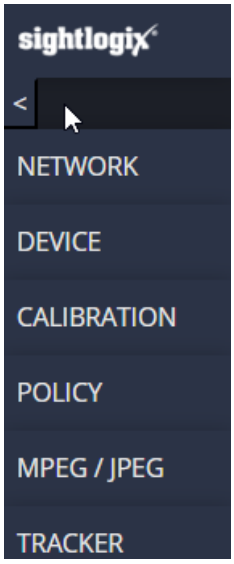
- Entering new parameter(s) brings up the symbol SAVE/REVERT icon under the Page Menu on the left side of the browser window.
- Once parameter(s) are complete click the “SAVE” checkmark circle to load new parameters to the camera.
- To cancel new entry(s) click the “REVERT” X circle and the original entries will be restored.
- Checking either circle will cause 

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 human-sized 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 re-calibrate 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

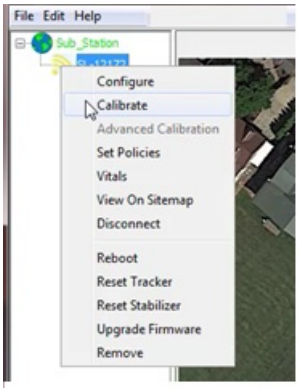
- WebConfig-enabled firmware (15.5x and above). Instructions for downloading firmware are here: http://portal.sightlogix.com/help/upgrading-cs-and-firmware)
- Your SightSensor's Administrative Access credentials. If they have not been changed from the default, you can use: *root/push2edg*.

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

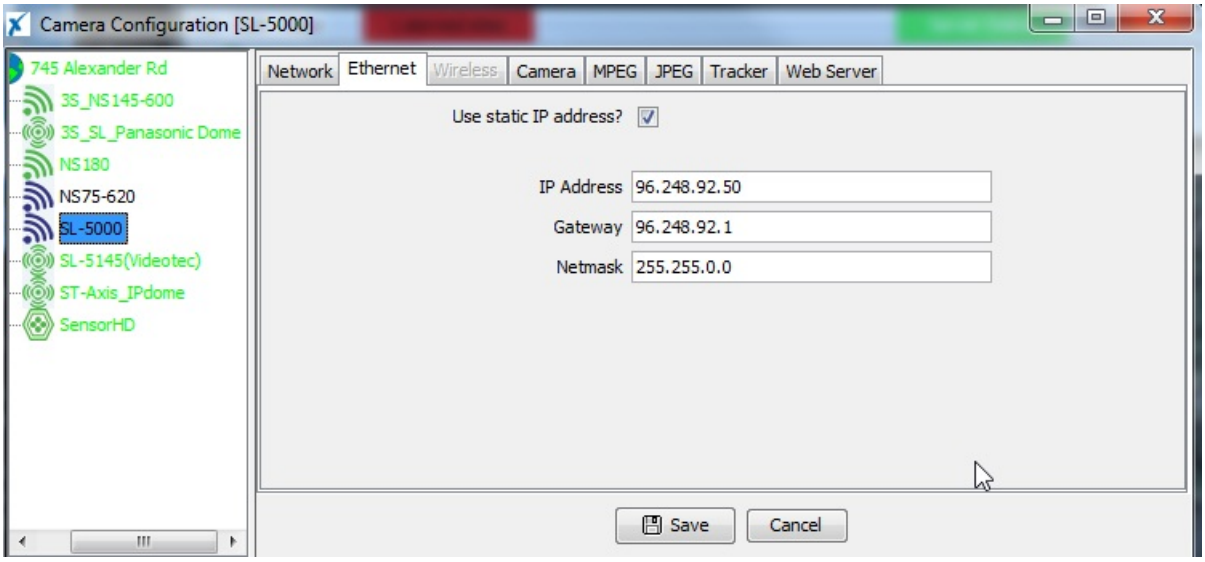
- Download the WebConfig-enabled firmware (15.5x and above) to your firmware_images folder:

```
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.



- 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.

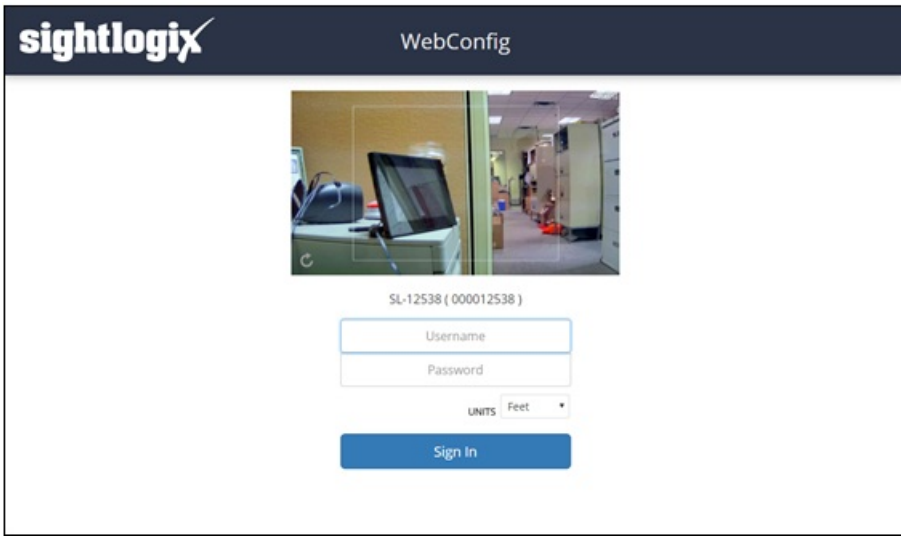
Step 2: Remove Your SightSensor from SightMonitor

- 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

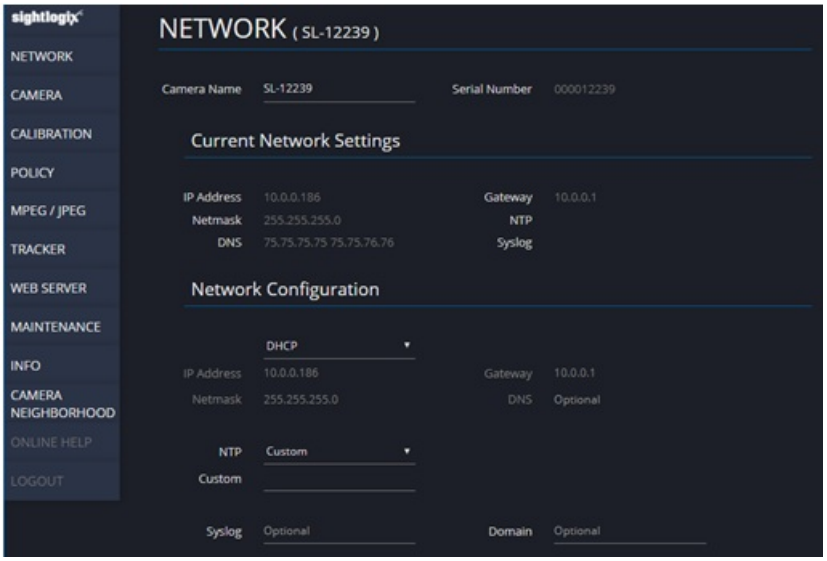
- Enter the IP address recorded earlier into your browser. The WebConfig sign-in page opens.



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.



- 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-by-step 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-sightsensor-maintenance-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://dyzz9obi78pm5.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-system-installation-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 Java-based 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-ll-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 required 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-ll-user-documentation) is the second-generation, Windows-based 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.

IP PTZs (SightSensor Gen3 Only)

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

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 ES40E-xx is an IP Esprit.

VideoTec

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

(https://dyzz9obi78pm5.cloudfront.net/app/image/id/568e779932131cbc207b2424/n/ulisse-compact-pelcod-std-application-note.pdf)

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.

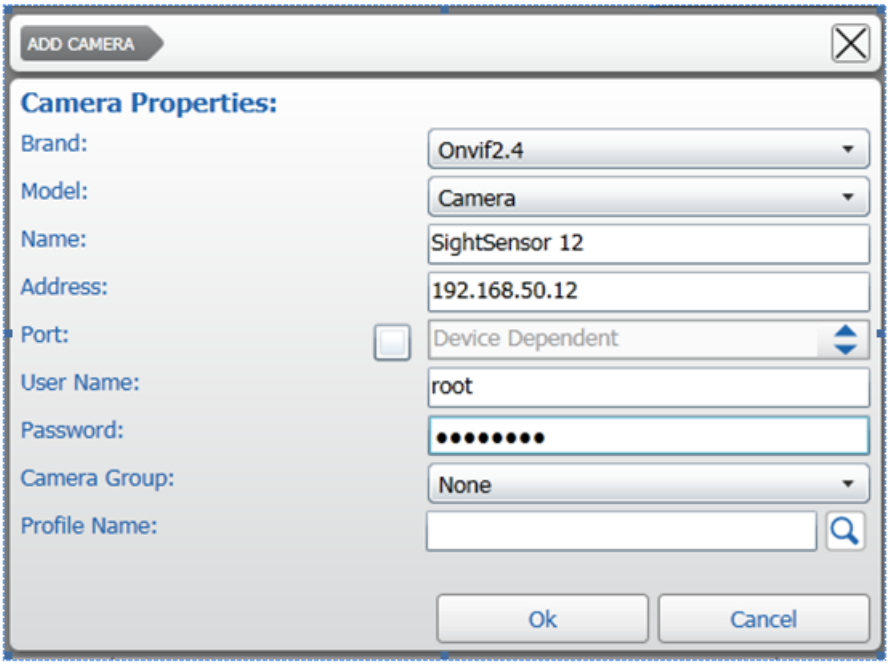
Initial Steps - Configure SightMonitor

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".

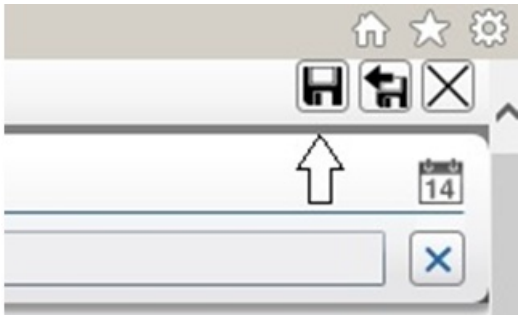
Configuring March Networks Software

Open Command Recording Server setup window, as shown.

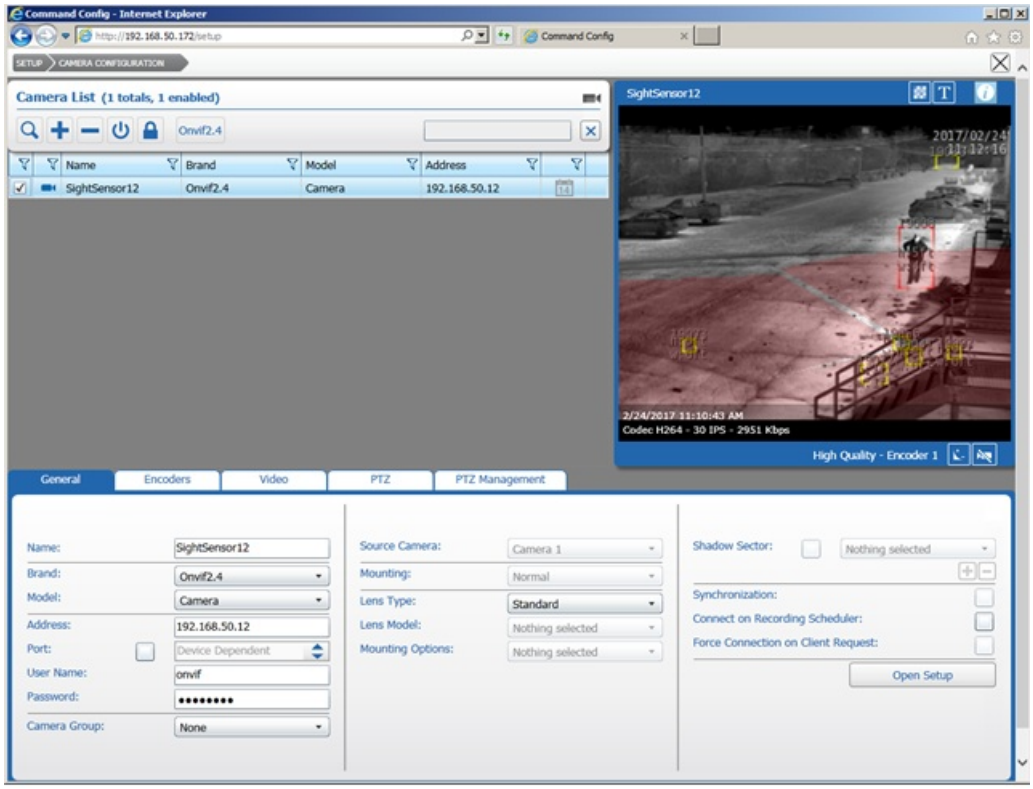
Press *Camera* and select ONVIF 2.4 and fill in desired camera name, ONVIF user name and password previously configured in SM, IP address, and press *Ok*.



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

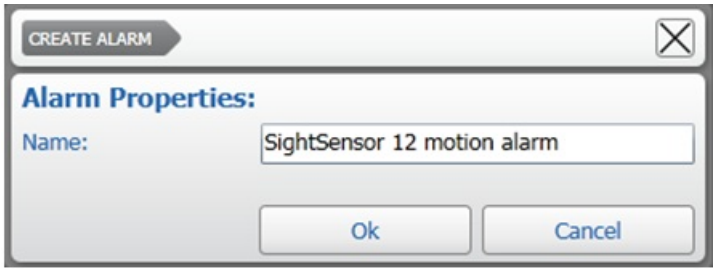


Video will now be displayed if camera is on line.

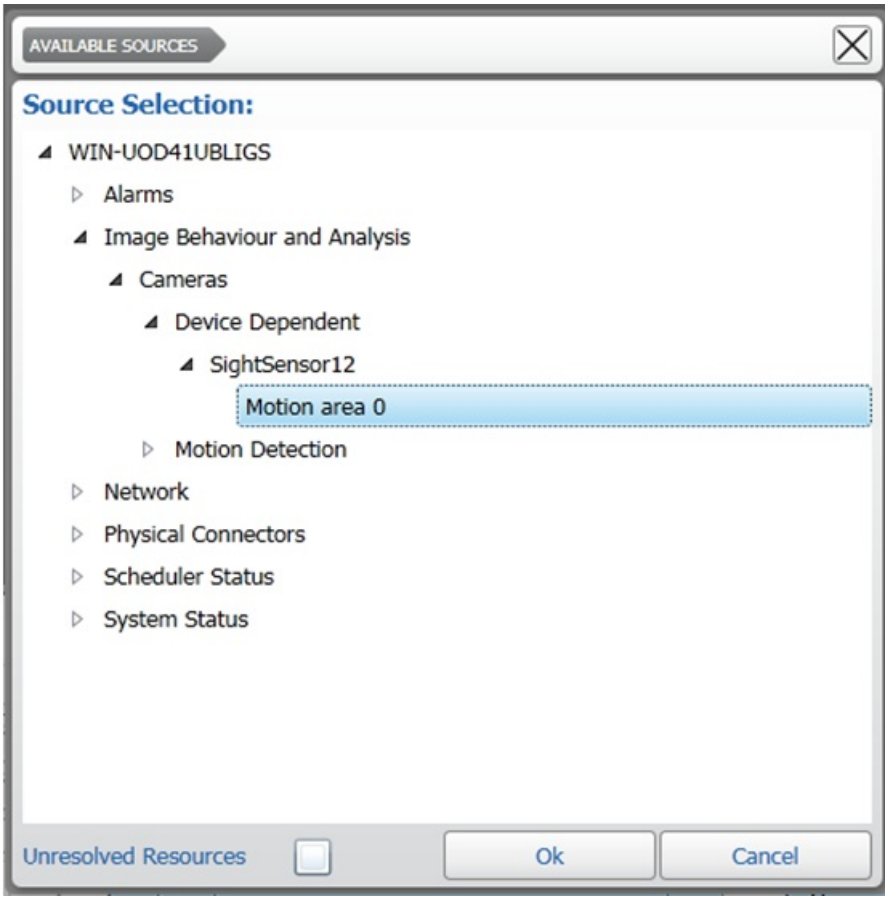


Press *Setup* on Command Recording Server window. Select "Alarms".

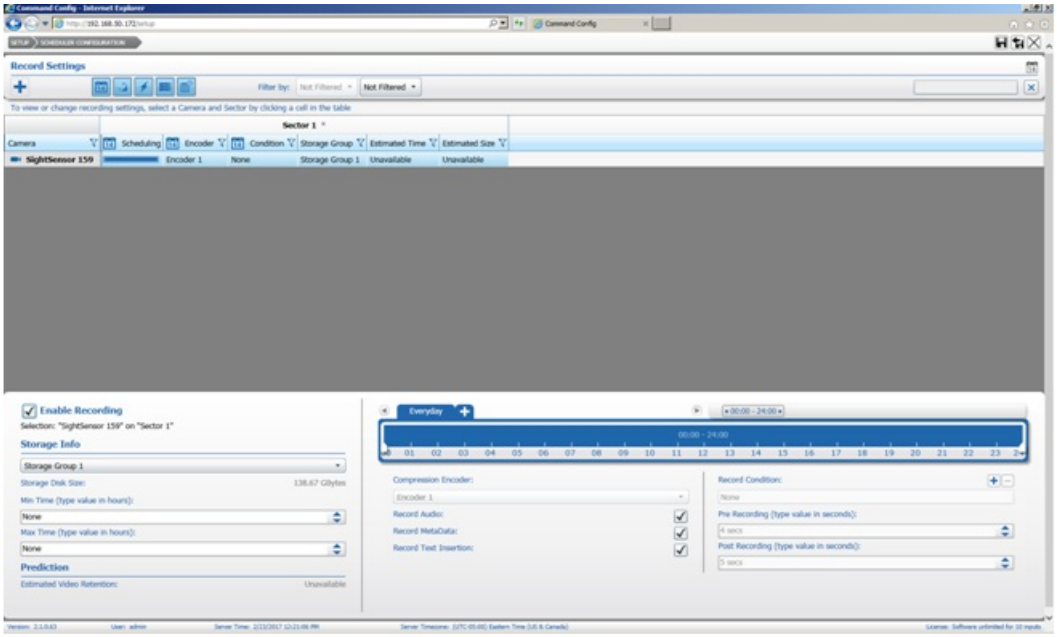
Name the new alarm something descriptive such as "SightSensor XX motion alarm " and press "Ok" and press Save icon.



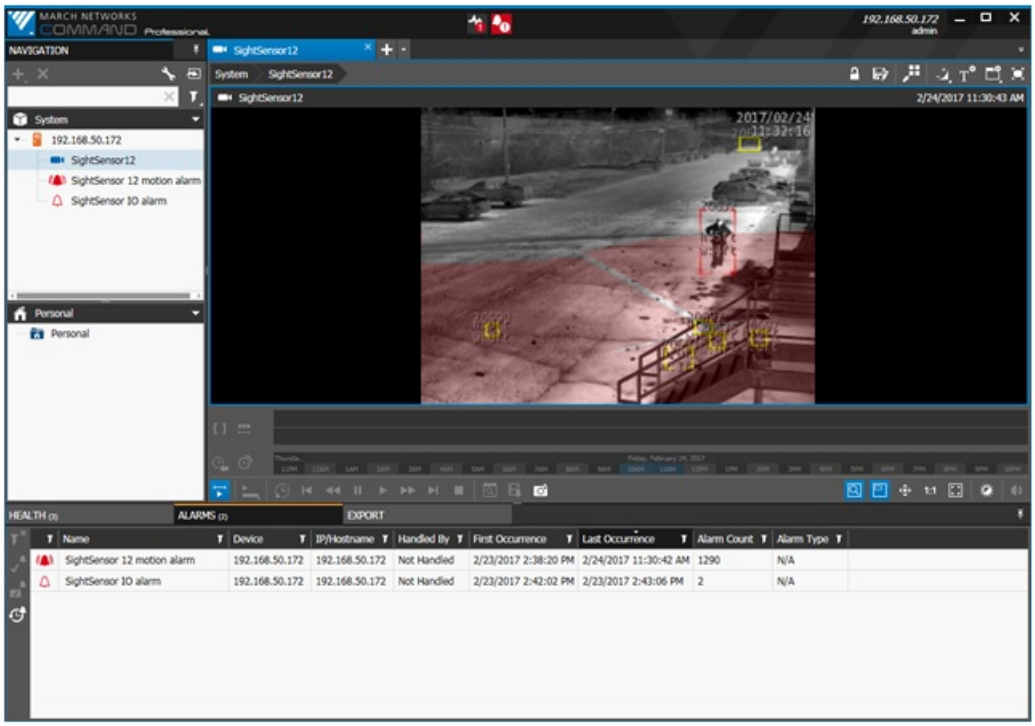
Select *Add Source* and press *Ok* and then the Save icon.



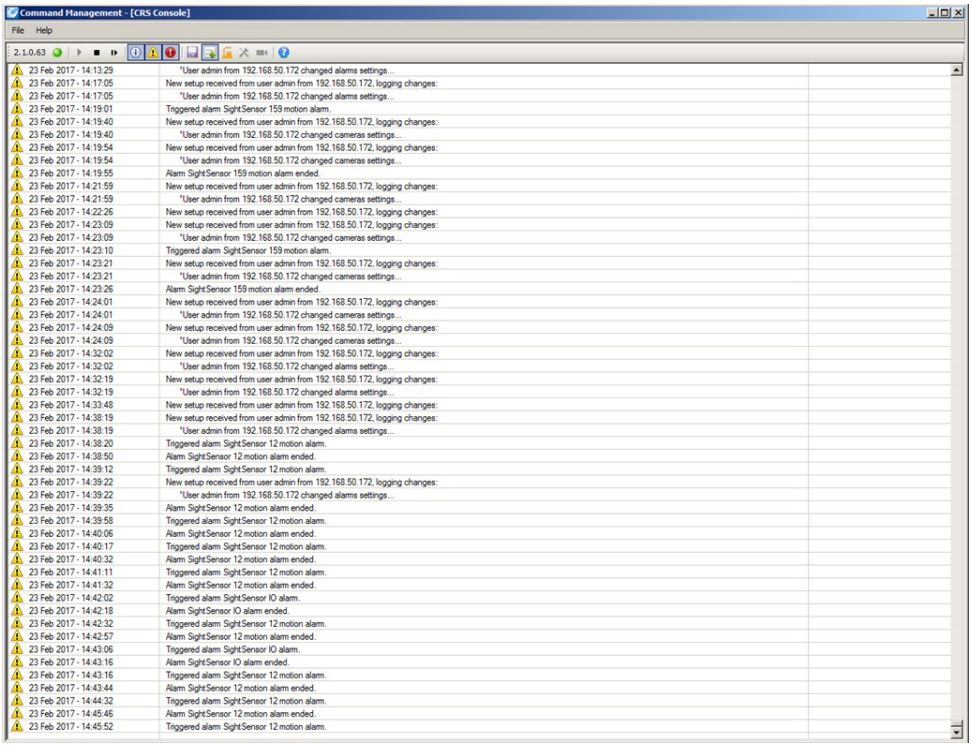
Now go back to Command setup and select Scheduler and check *Enable Recording* and press the Save icon.



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.



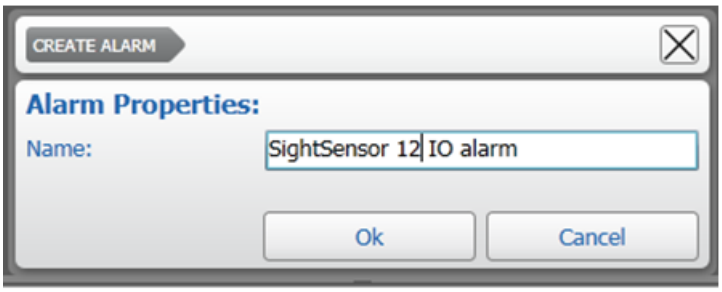
The motion alarm should be logged in the March Command Management [CRI console].



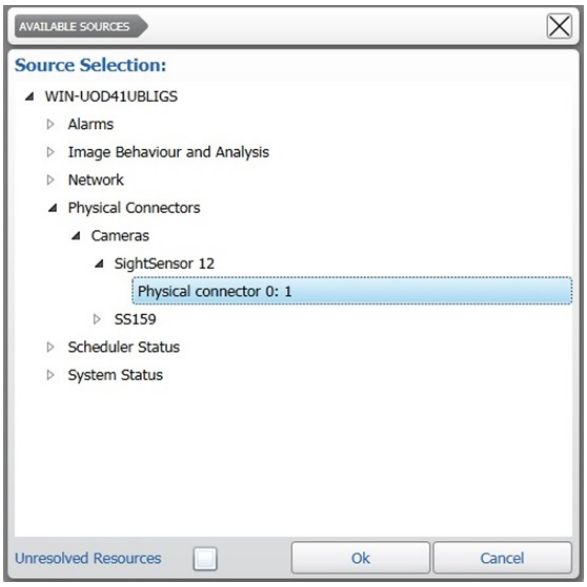
Configuring the Dry Contact Alarm

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.



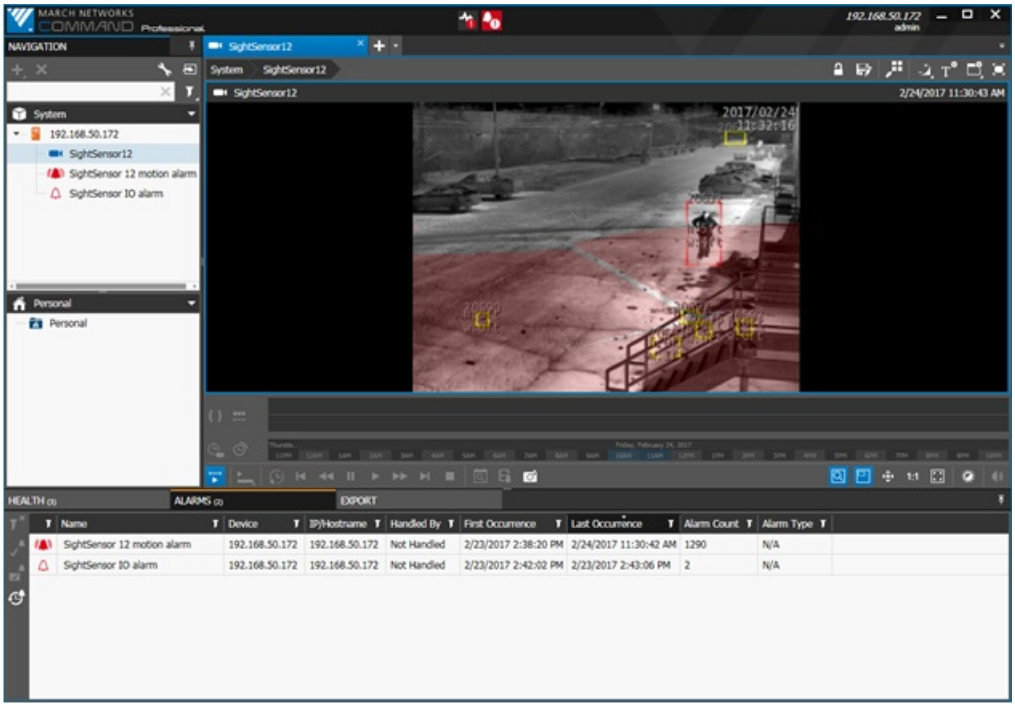
Select an I/O alarm source as shown here:



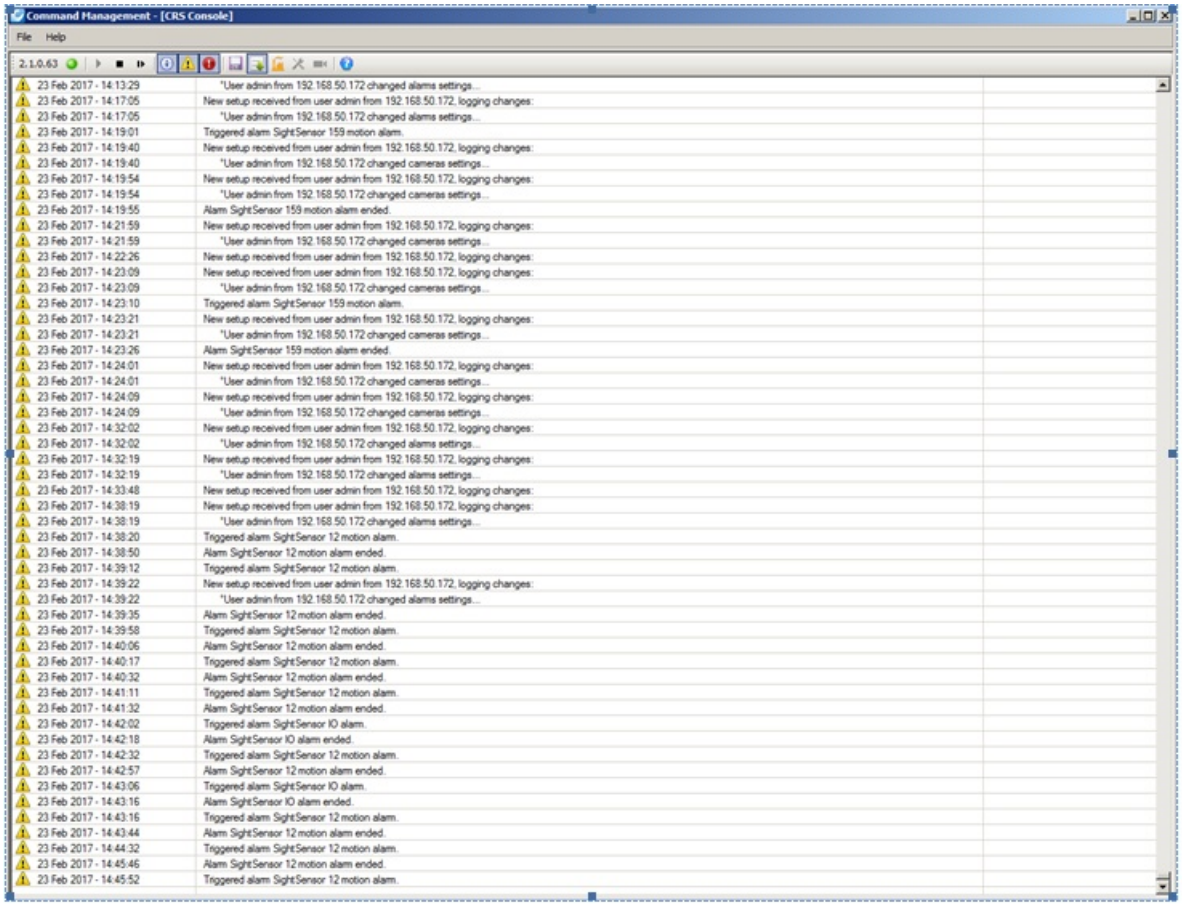
Press *Ok* and press Save icon.

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].



Configuring Genetec Security Center

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

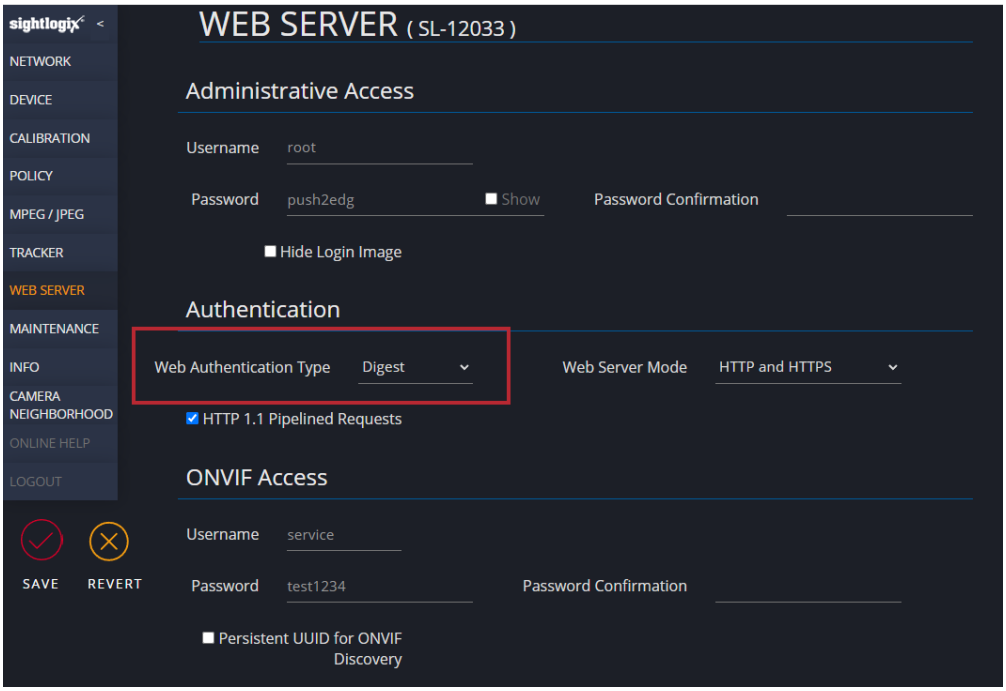
Tested with Genetec Security Center 5.10.0.0 with Device Pack 10.6.0
Tested with SightLogix Firmware 16.0.42

Important Notes

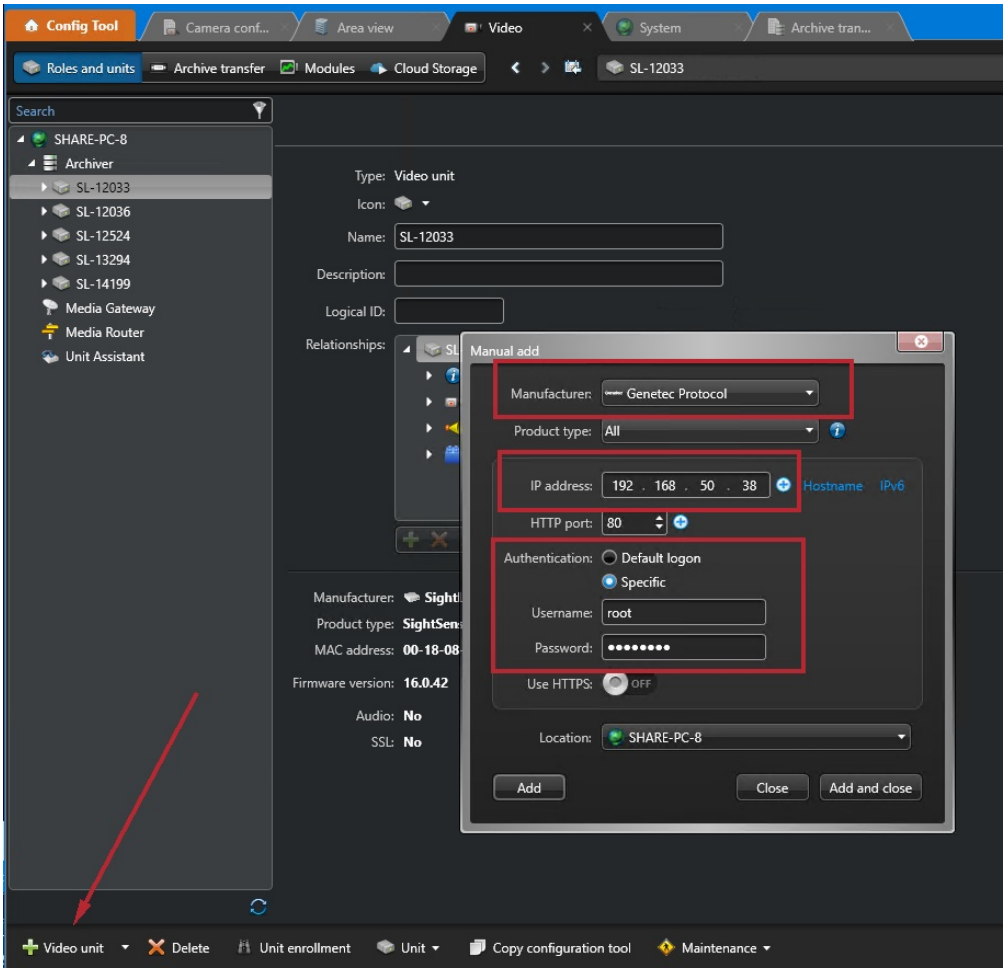
- Please consult the Genetec manuals for detailed operation procedures for SecurityCenter and the Security Desk application.
- The Device Pack 10.6.0 adds a feature that allows Genetec to use only one (1) license per SightSensor, which is especially helpful for dual-imager SightSensors HDs and TCs.
-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



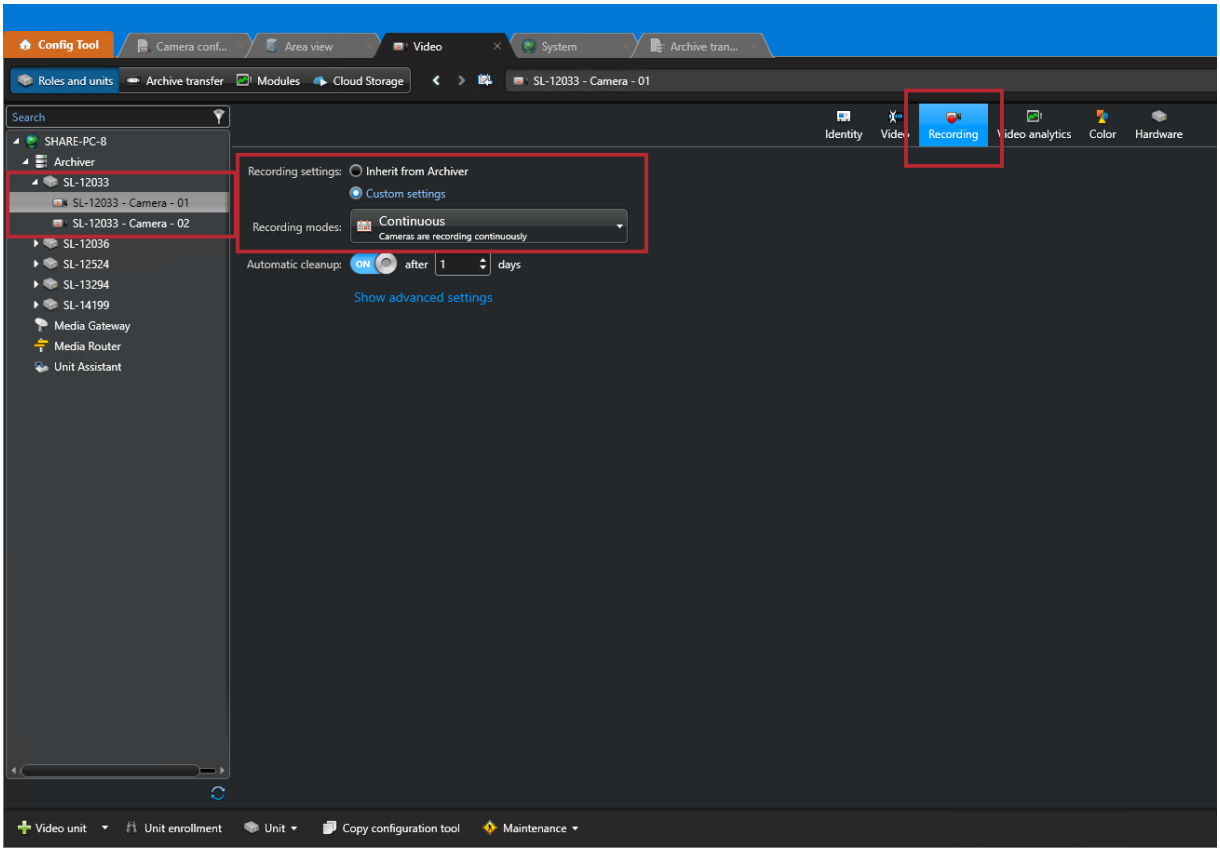
- From the Genetec Config Tool, go to the Video unit viewer and click the appropriate Archiver.
- Select “Video Unit” from the bottom-left menu.
- In the dialog that appears, select “Genetec Protocol” as the Manufacturer.
- Enter the IP address for the camera you are adding.
- Enter the camera username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



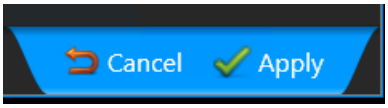
Creating Continuous, Scheduled, or Alarm-based Recordings

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.

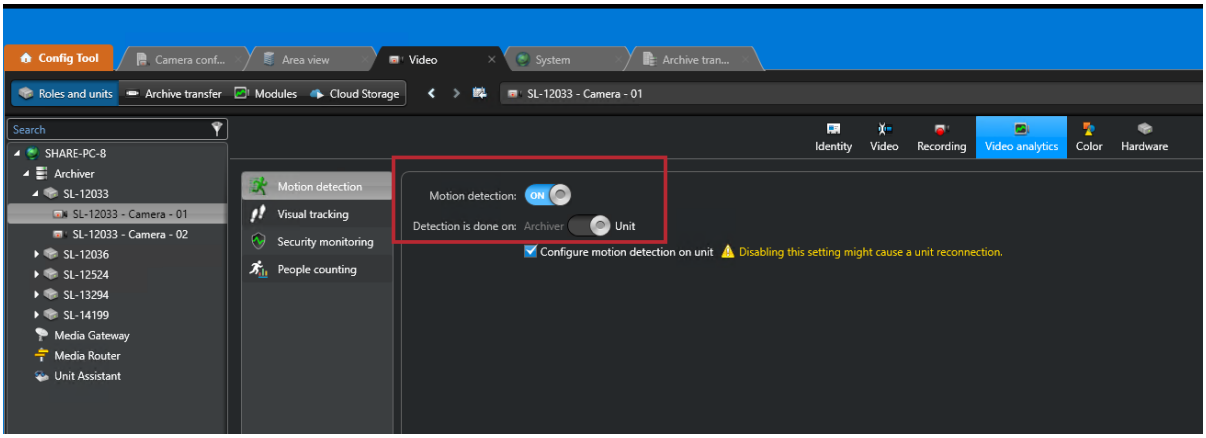


- Click apply on the bottom right to apply the settings



Configure Motion

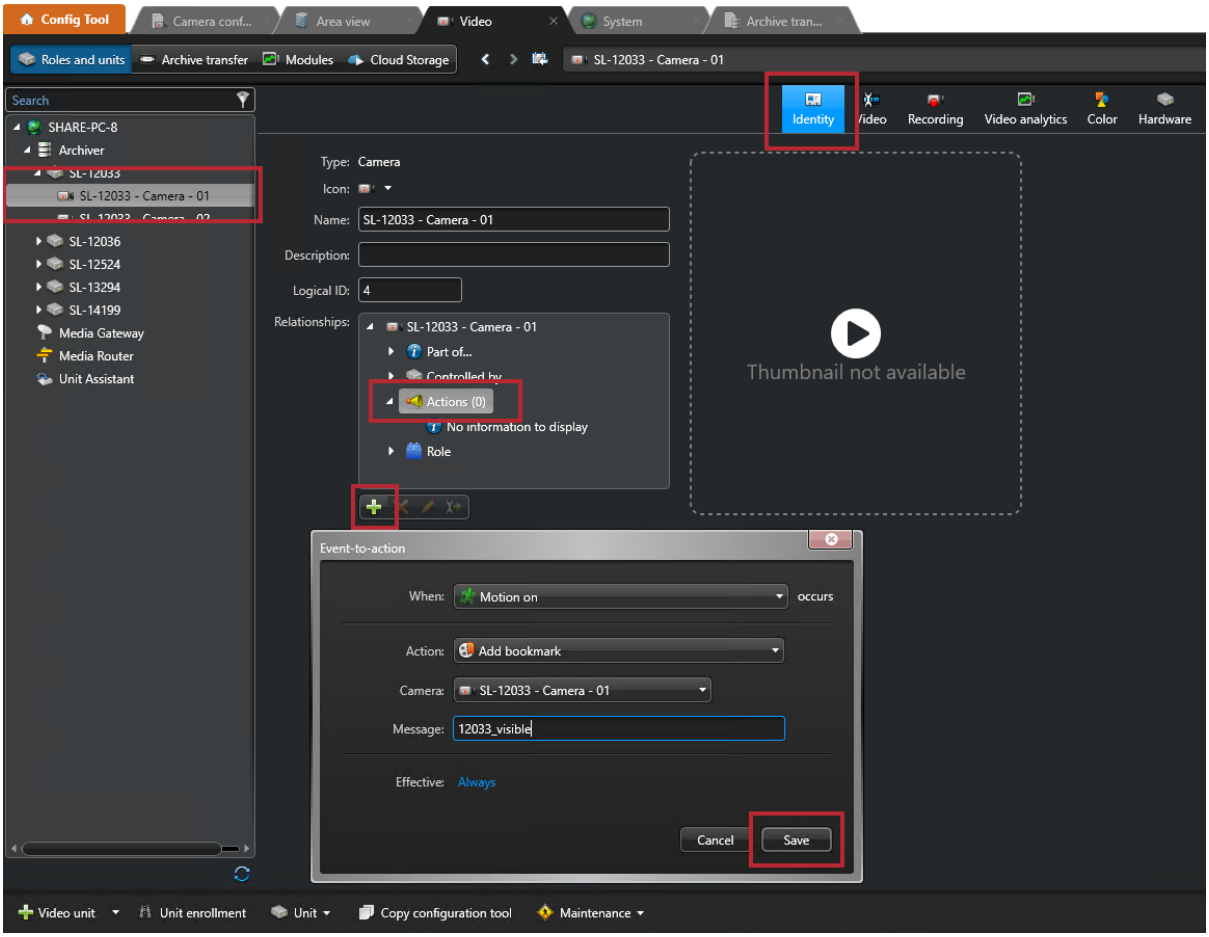
- Select the “Video analytics” tab.
- Click the Motion Detection Tab for each camera feed and verify that motion detection is turned on and detection is done on the unit.



Creating Event Action on Motion Detection

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

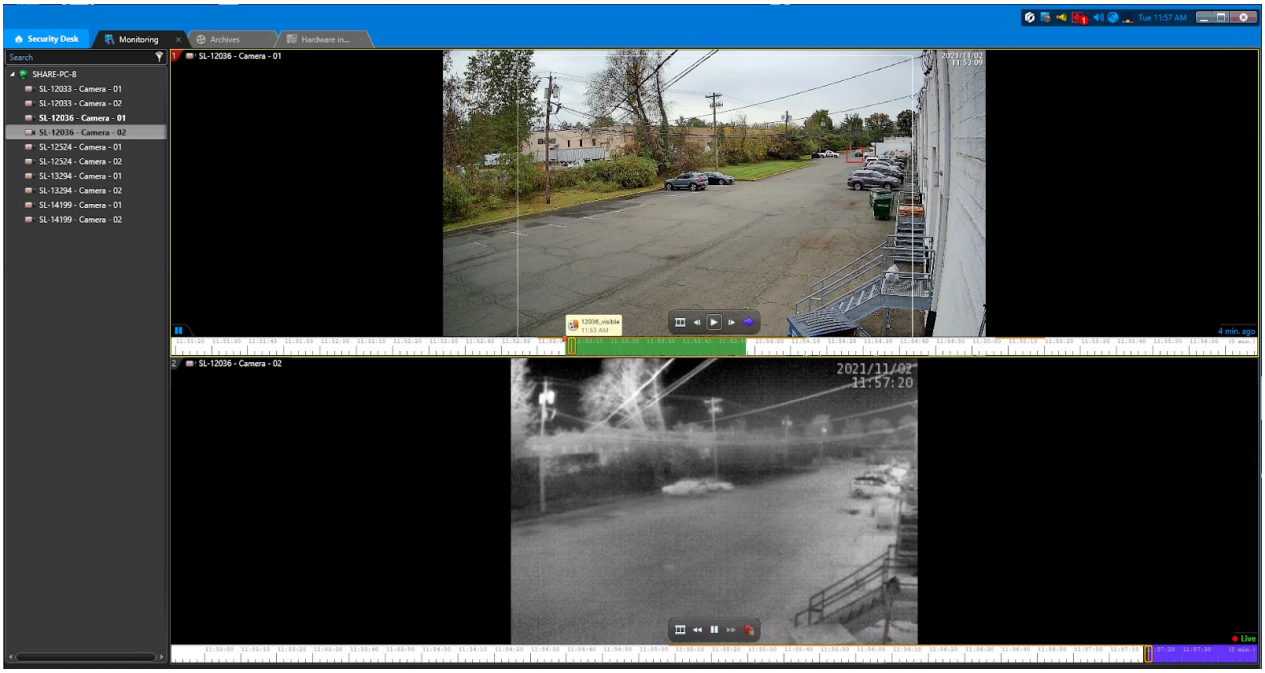
- In the camera view, select the camera feed which you would like an action performed on when motion is detected.
- Click “Identity”
- Click “Actions” Under “Relationships”, and click
- Select “Motion on” as the triggering event
- Select “Add bookmark” as the action to perform
- Select the appropriate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



Using Genetec Security Desk

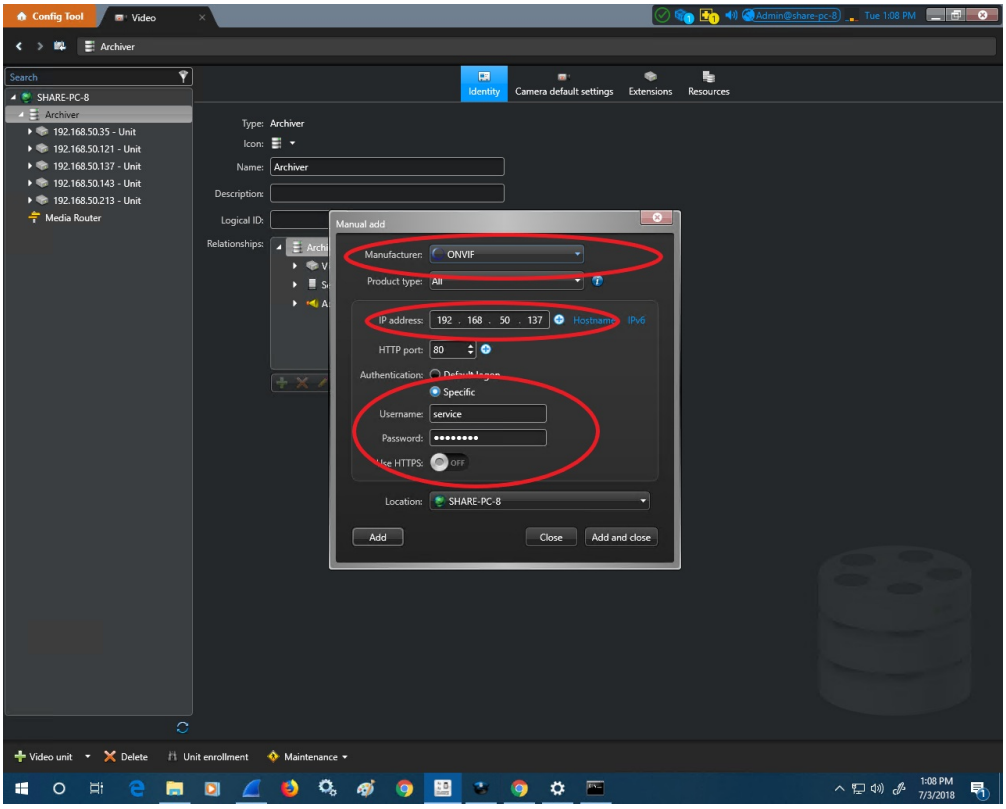
Security Desk is another executable that lets you view live video, playback and bookmarks. To use:

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



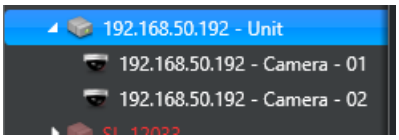
Add SightLogix Devices as an ONVIF Device (Legacy)

- 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.

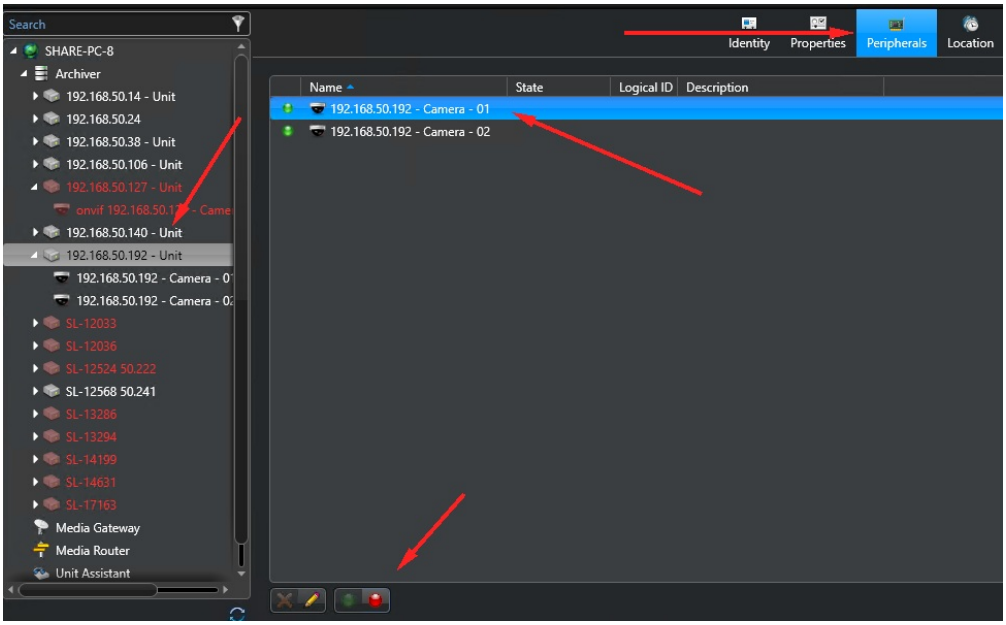


Adding SightTracker PTZ to Genetec

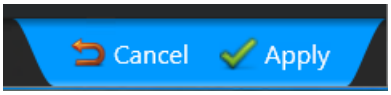
- Add the SightTracker PTZ using ONVIF as the “Manufacturer” (as shown above)
- Once successfully added, the camera unit will have 2 streams, as shown:



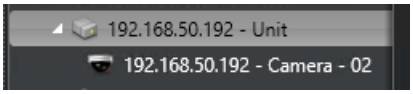
- Disable the first stream, as follows (and as shown below):
  - Click on camera object
  - Go to the “Peripherals” tab
  - Click the “Camera - 01” line
  - Click on the red circle at the bottom to disable the stream



- 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 Alarm-based 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


2
192.168.50.192 - Camera - 02
Live
Synchronize video
Show original streams
Change tile pattern
Open the Vault
Switch to map mode
Show controls

Configuring Avigilon Control Center 6

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

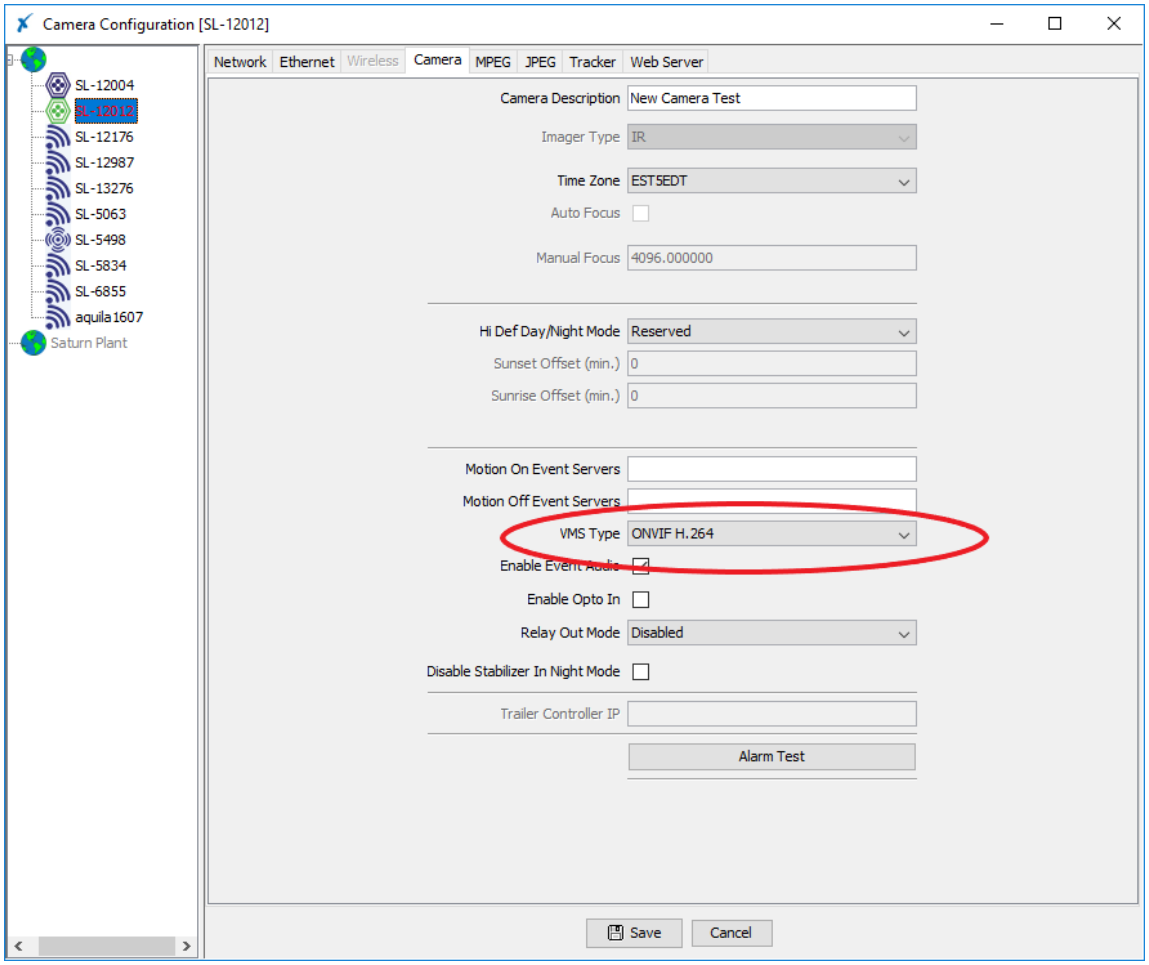
Tested with Avigilon Control Center 6.8.4.0
Tested with SightLogix Firmware 10.10.29 and 15.11.87

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

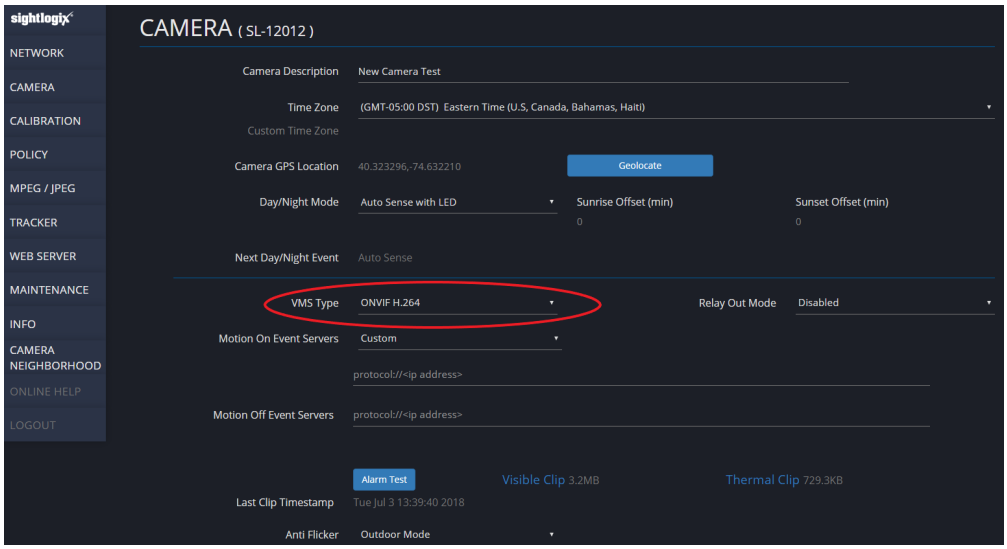
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



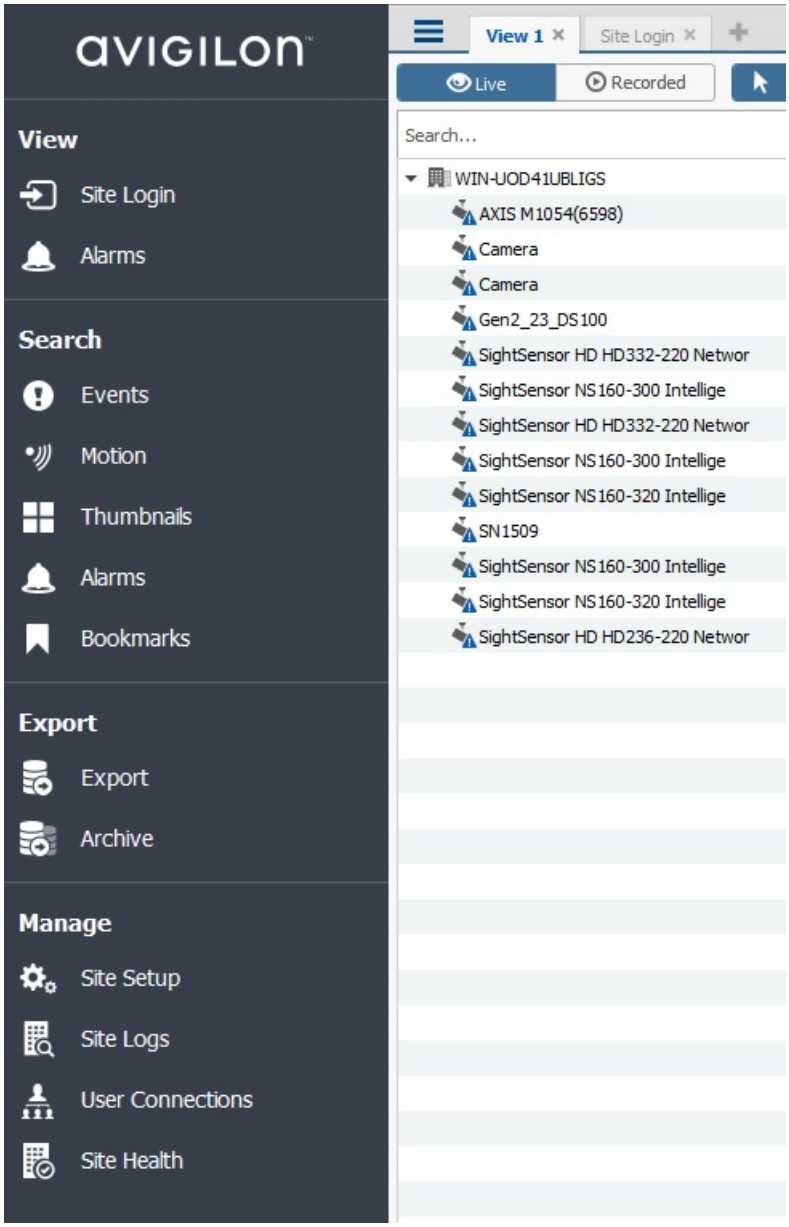
Adding Devices with WebConfig

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

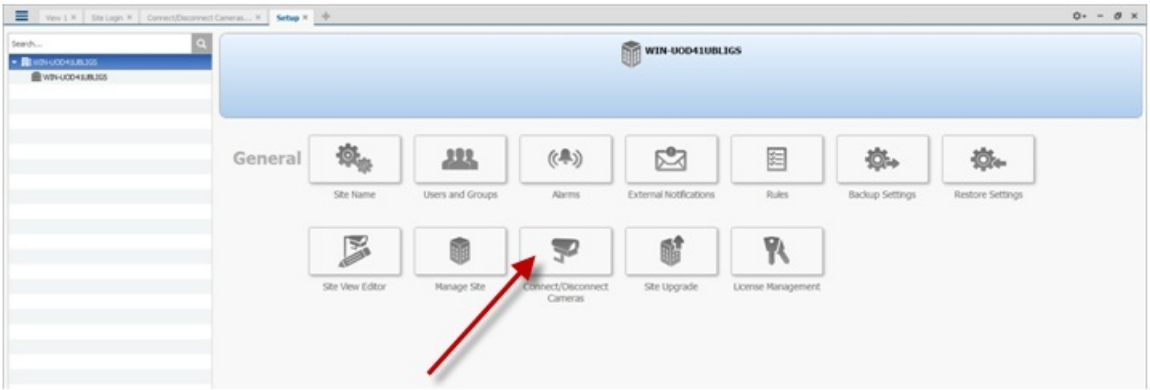


Next, add devices individually as hardware units.

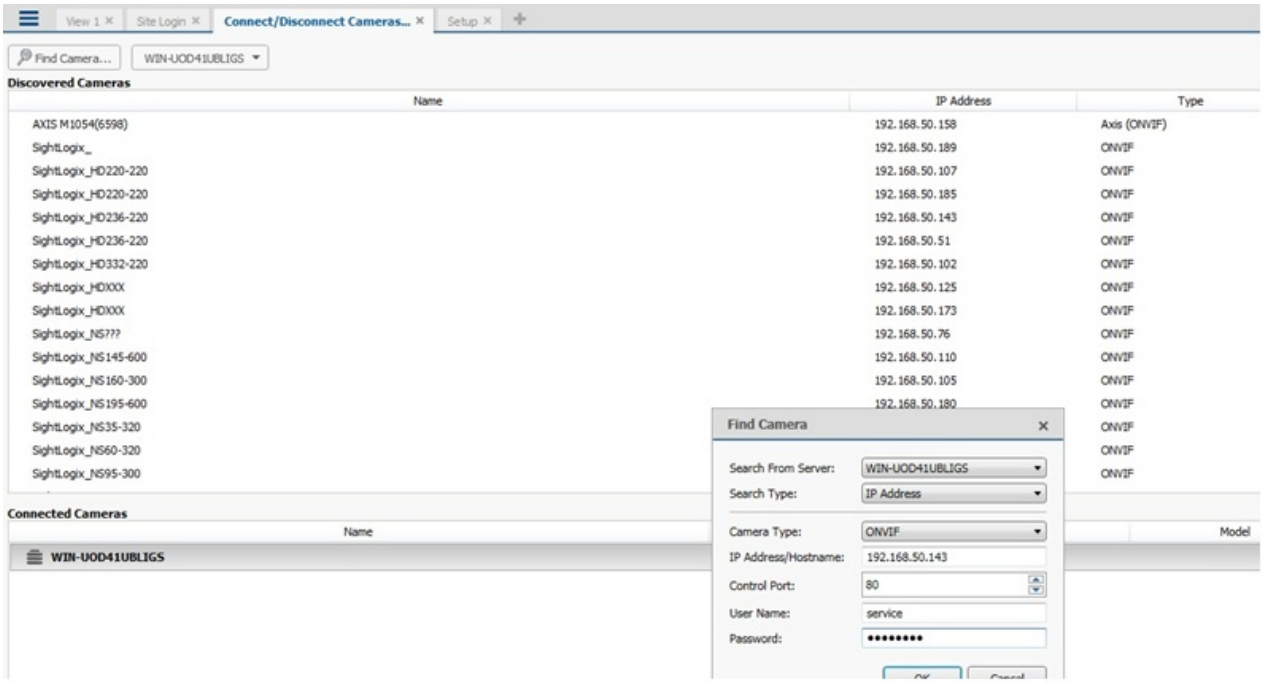
- Log into AvigilonControl Center , click the upper left menu icon (three bars) and select*Manage Site Setup* from the left-side navigation.



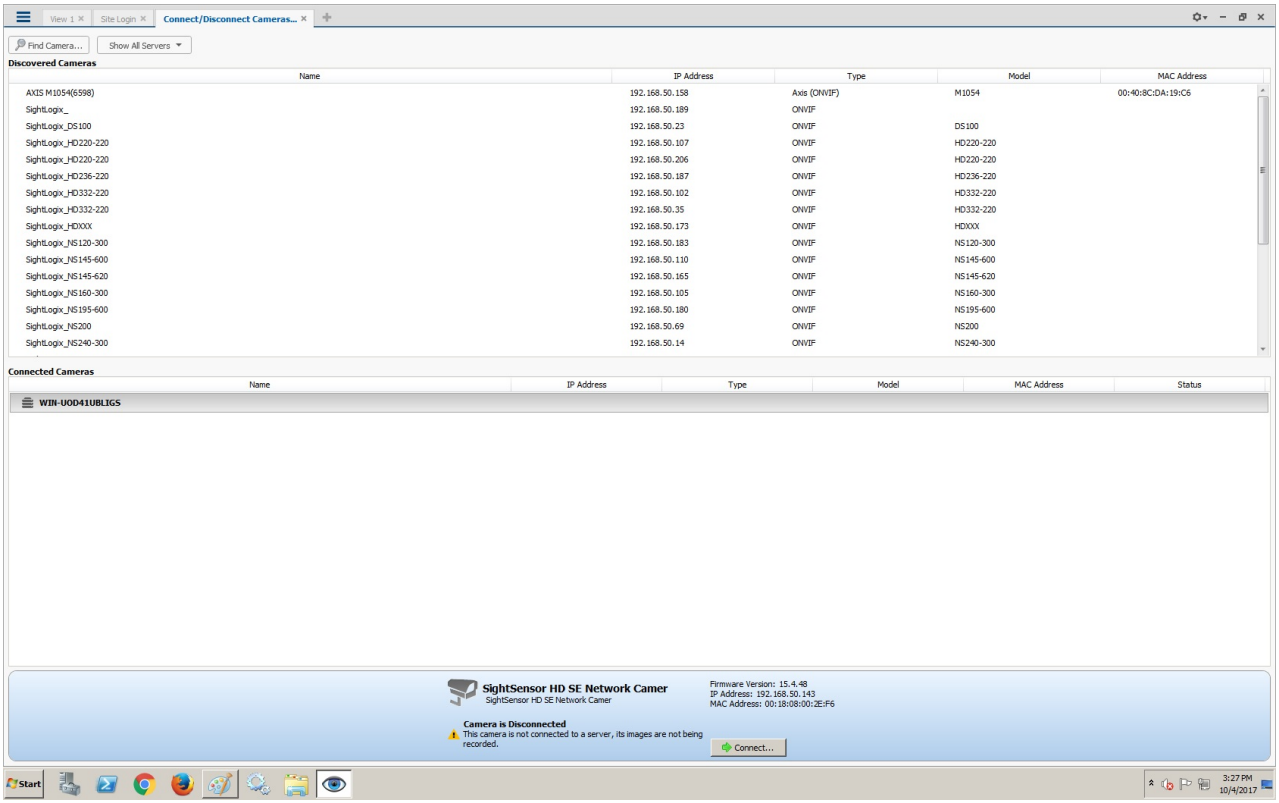
- Click Connect/Disconnect cameras.



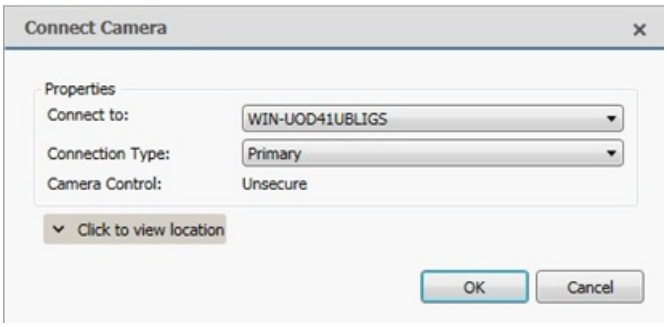
- Click Find Camera and enter the SightLogix camera's information in the Find Camera window and click *OK*.
    - Camera type is ONVIF.
    - Username/password is service/test1234



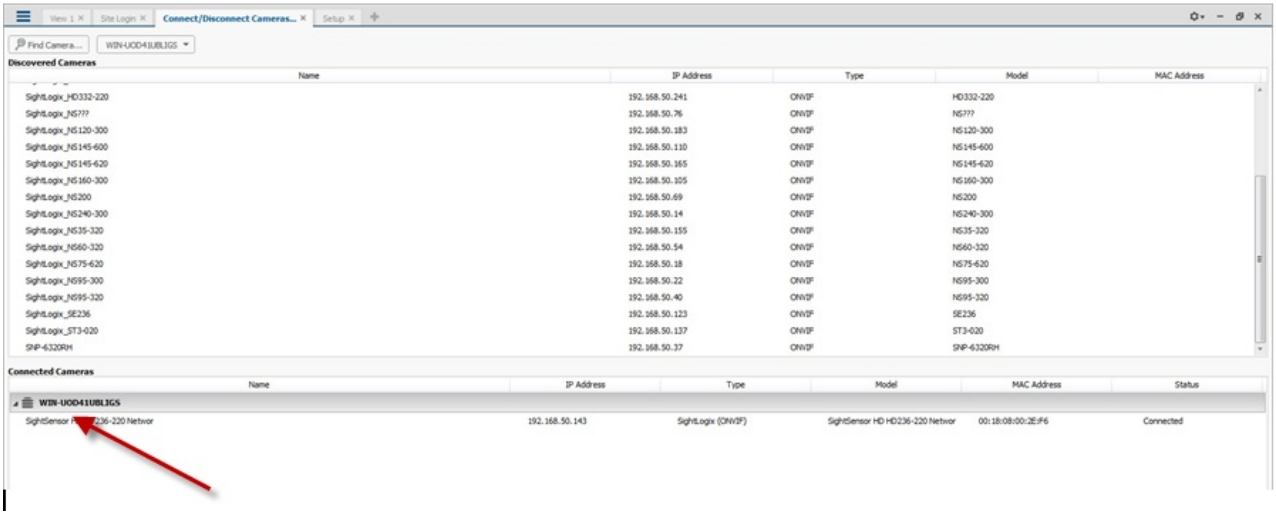
- Click *OK*. The following screen opens, showing the newly added camera at the bottom.



- Click *Connect*. The Connect Camera window opens.



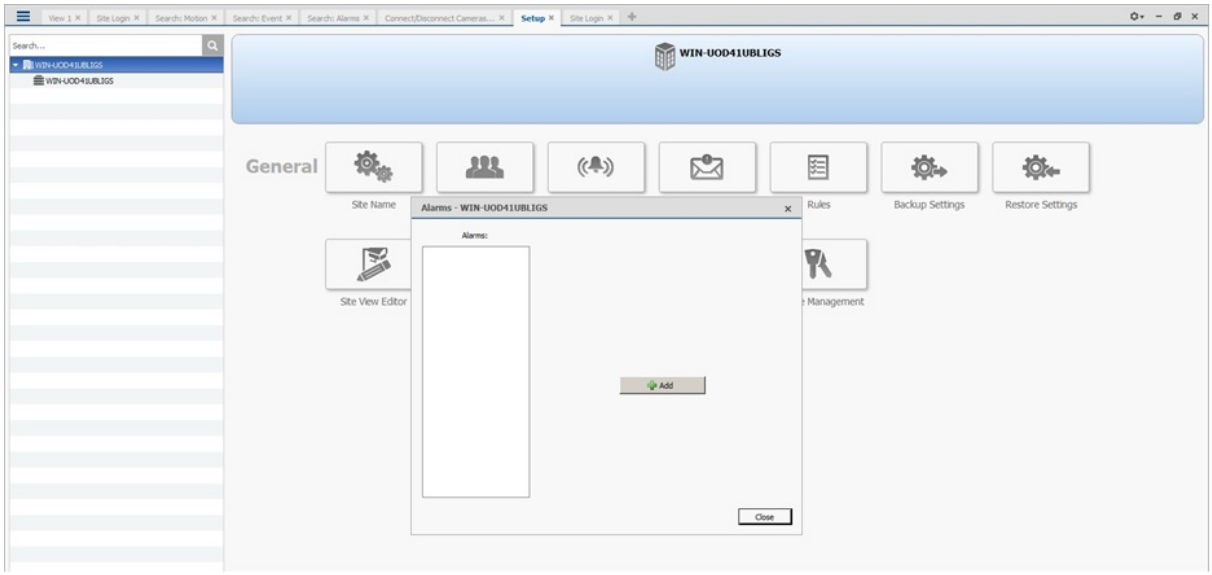
- Click OK.
- Once connected, the camera will be shown at the bottom under Connected Cameras.



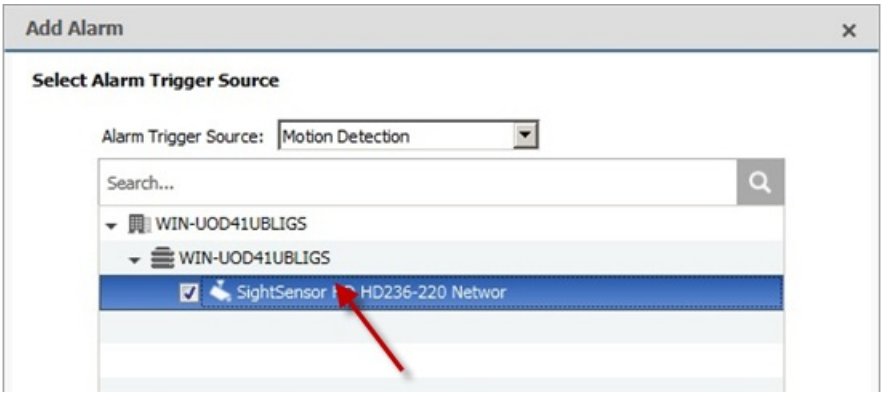
Setting Alarms

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

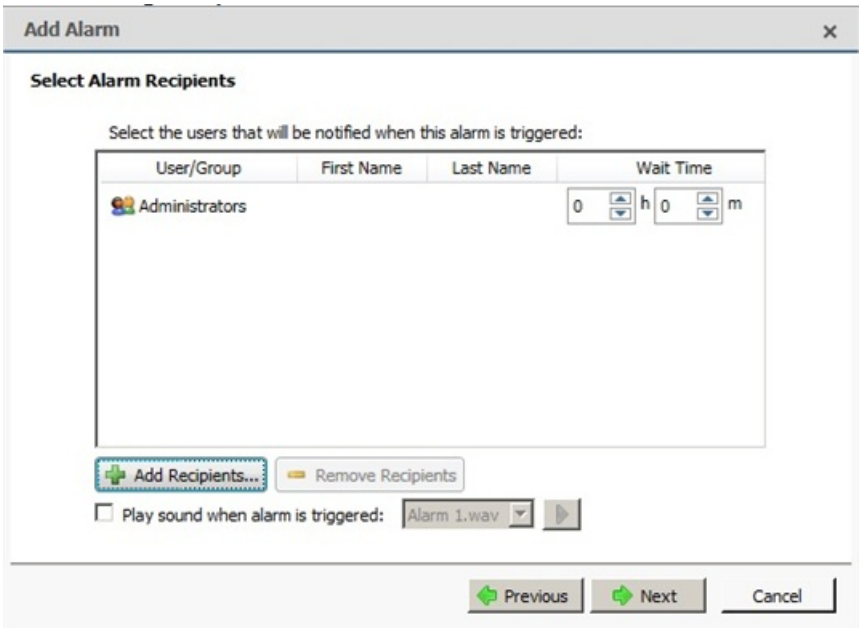
- Under the setup menu, click *Alarms* and click *Add*.



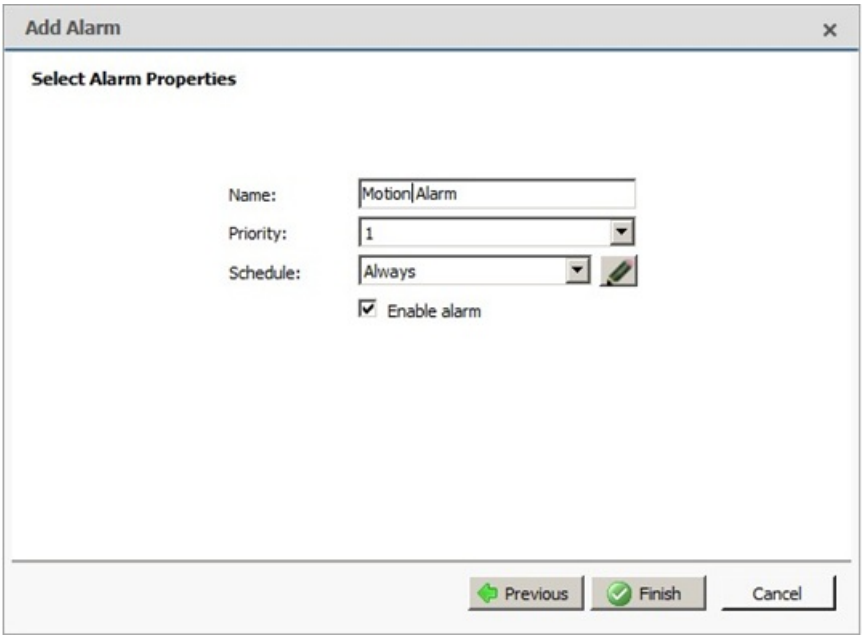
- Select *Motion Detection* under Alarm Trigger Source.
- Select the camera which you want to associate with this alarm.



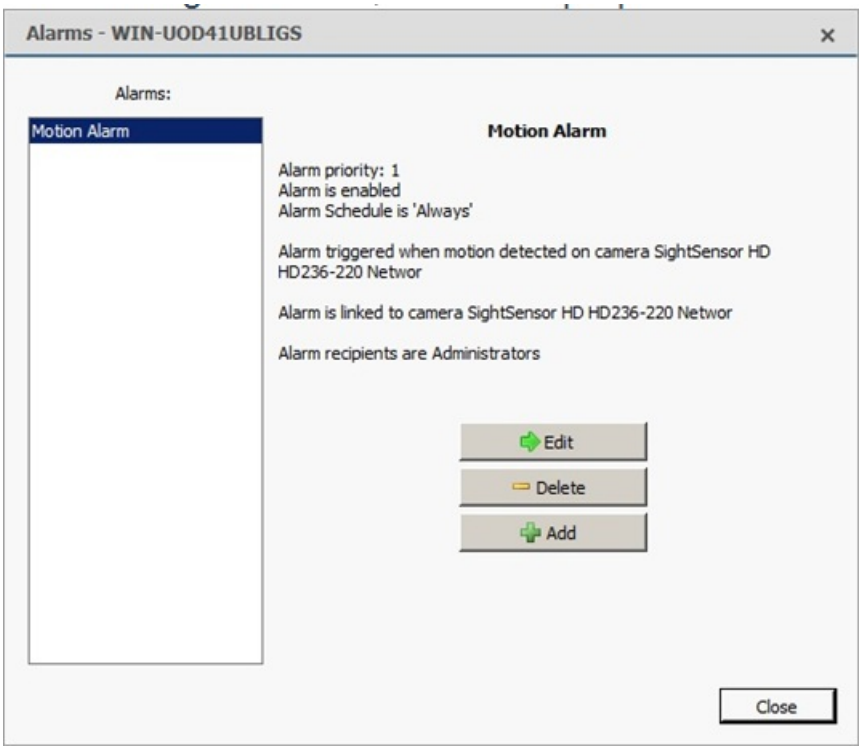
- Add the group/user to receive the alarm notification and click *Next*.



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



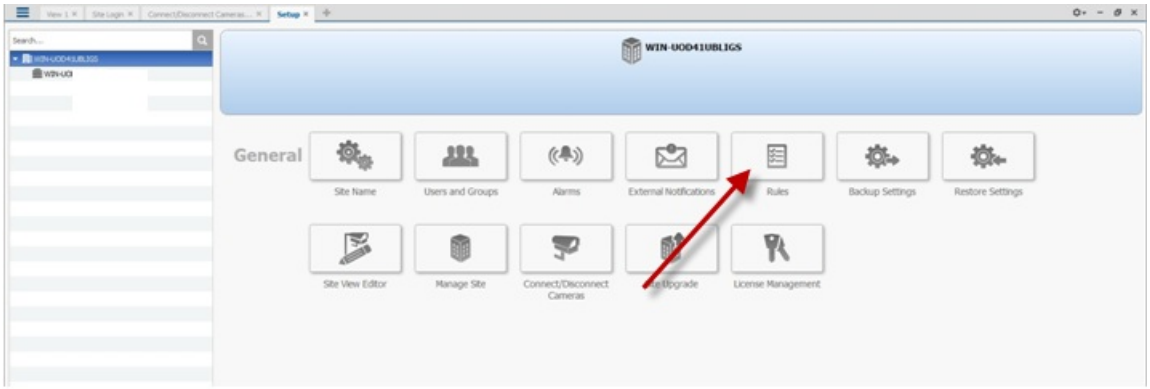
- After adding the alarm, the Alarm properties should look as follows:



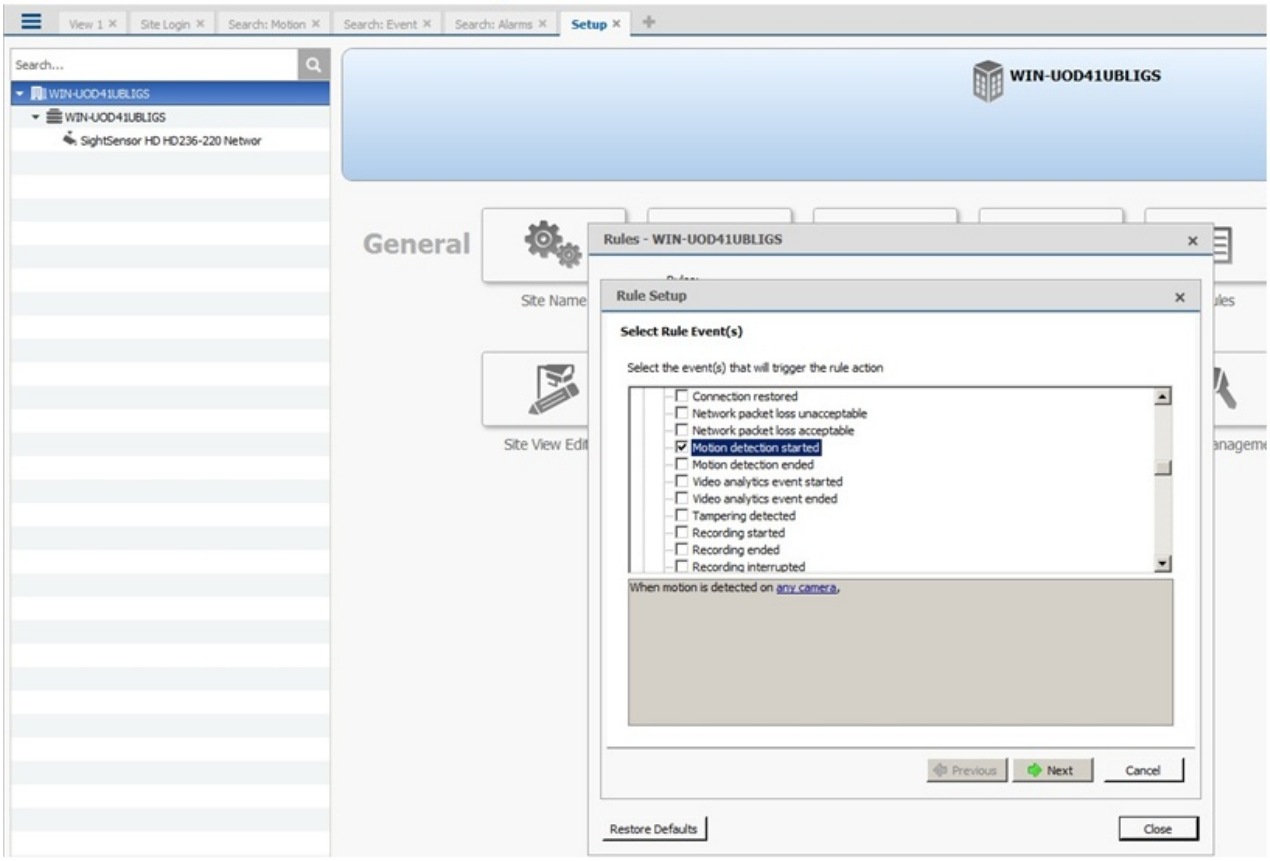
Setting Rules

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

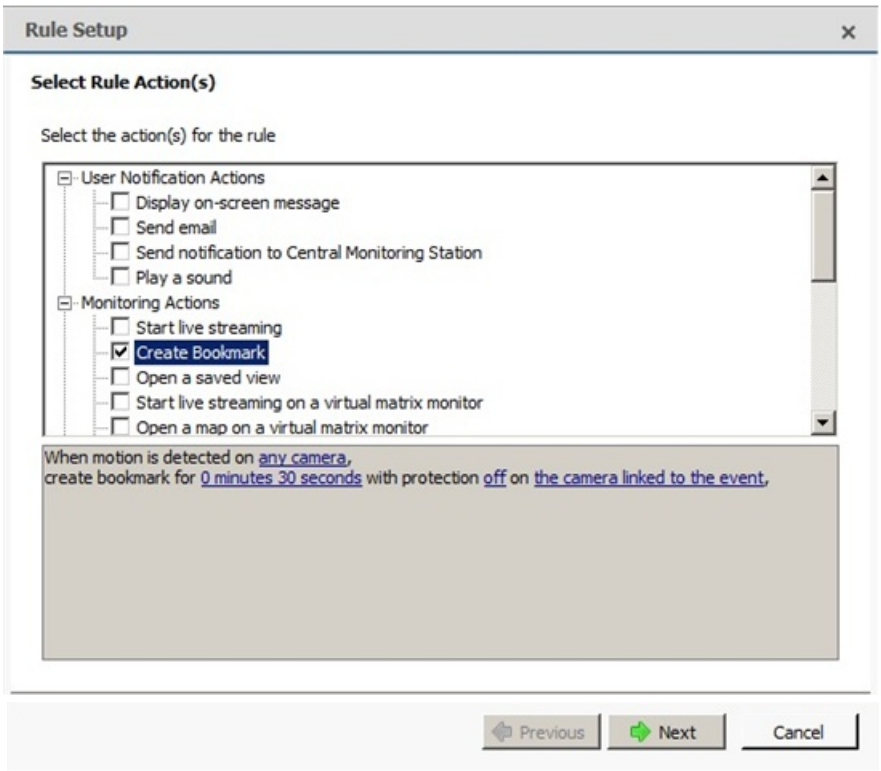
- From the Setup window, click Rules



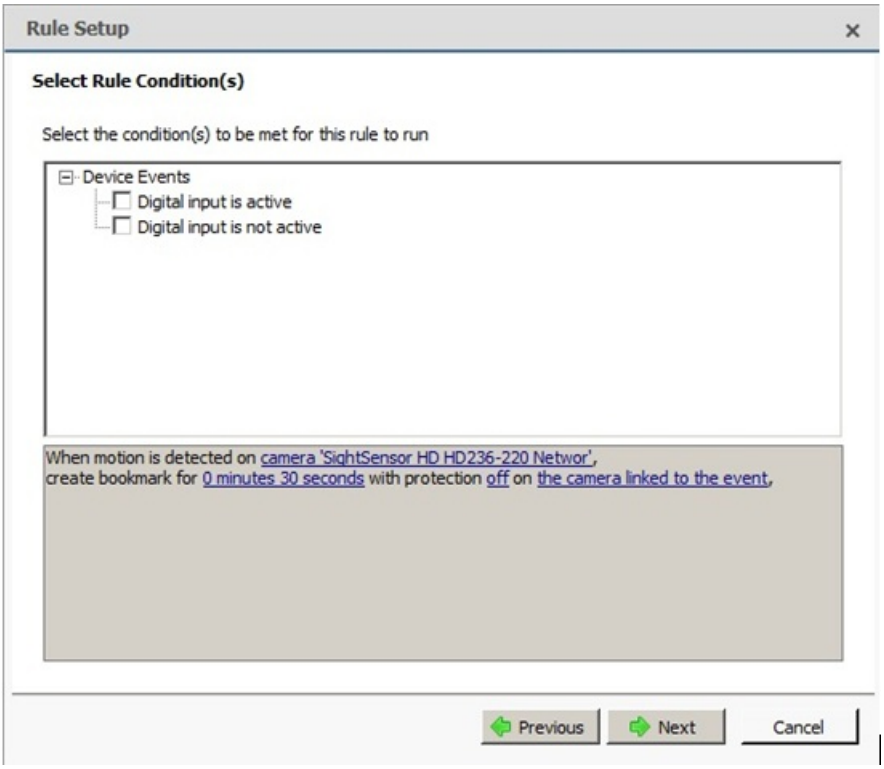
- Select *Motion detection started*, then *Next*.



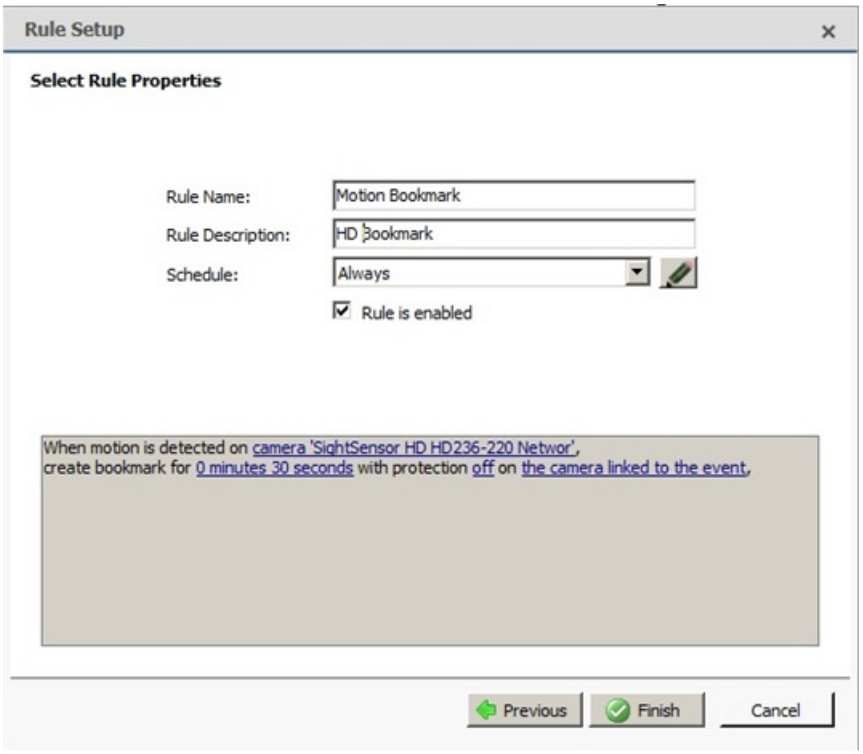
- Select *Create Bookmark* as the action.
- Click "any camera" to select the SightLogix device.



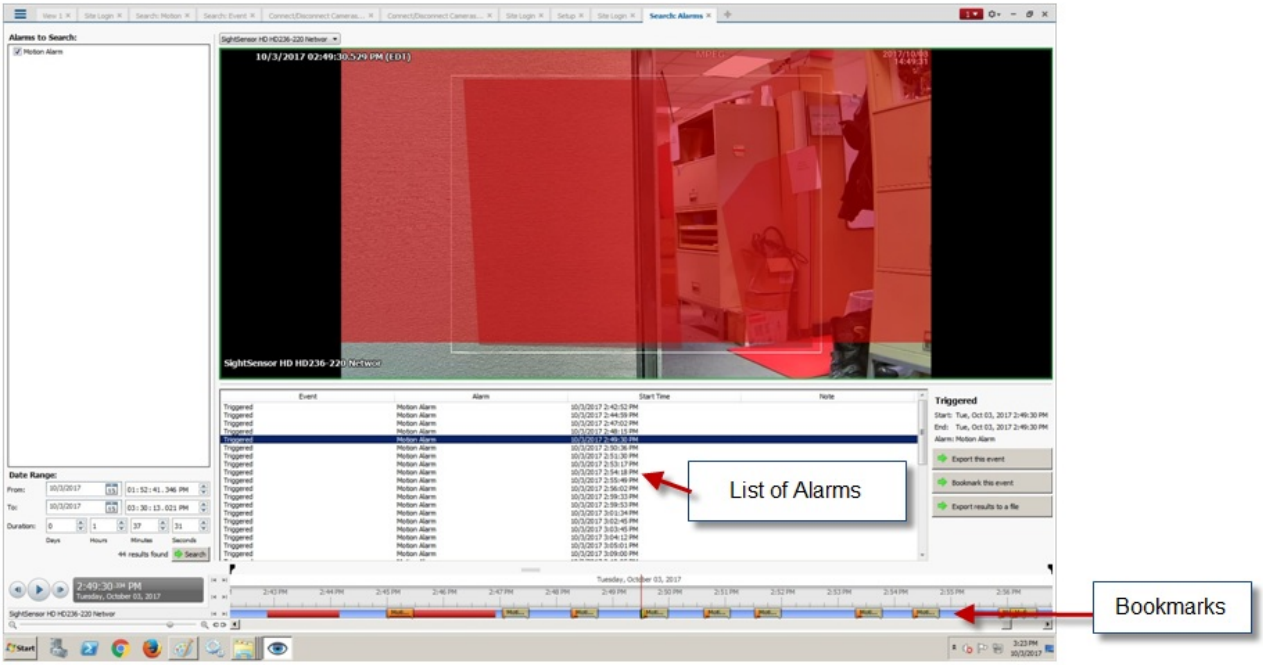
- Click Next.
- Review your rule setup at the bottom of the window and click Next.



- Provide a name and click *Finish*.



- Check the alarms under Search Alarms/Motion/Events


List of Alarms
Bookmarks

Configuring Luxriot

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

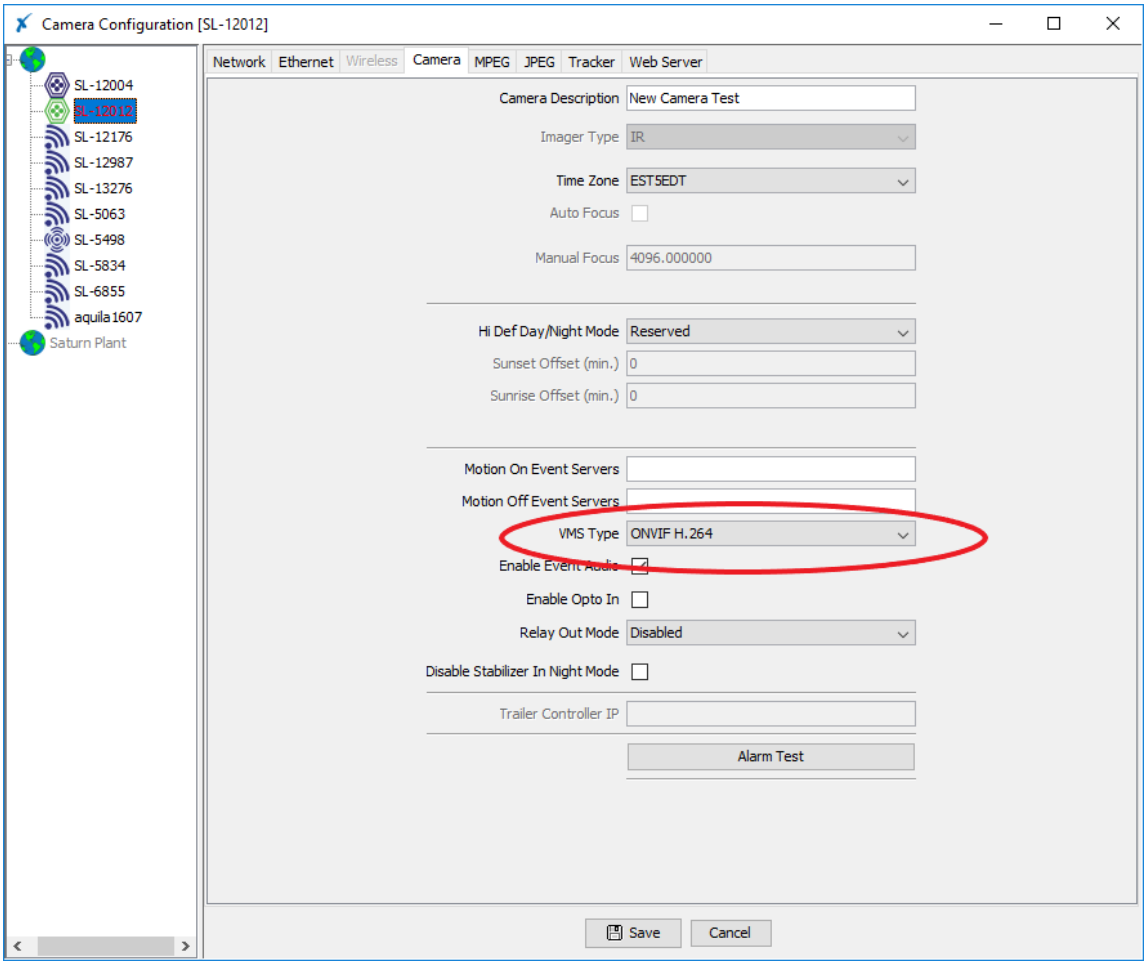
Tested with Luxriot 2.5.8
Tested with SightLogix Firmware 10.10.29 and 15.4.48

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

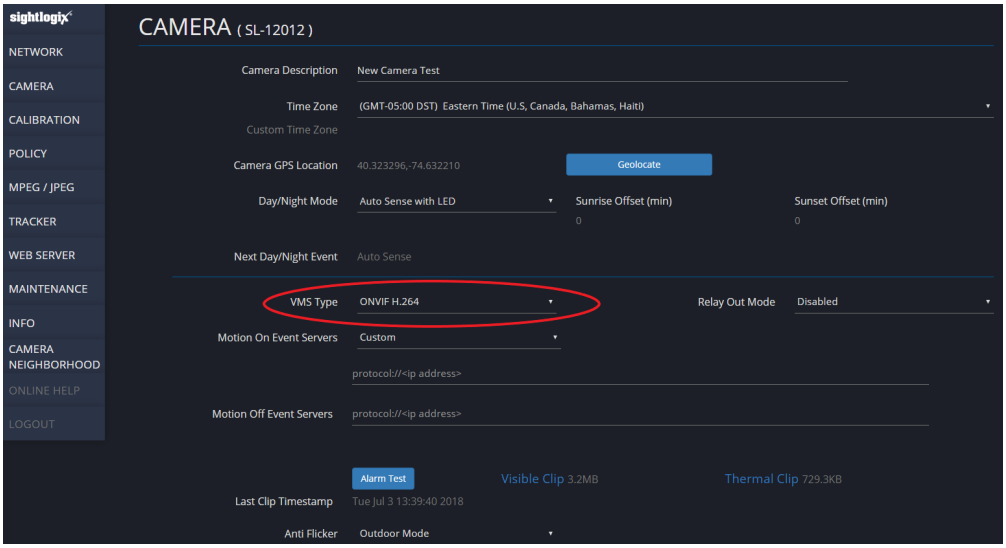
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



Adding Devices with WebConfig

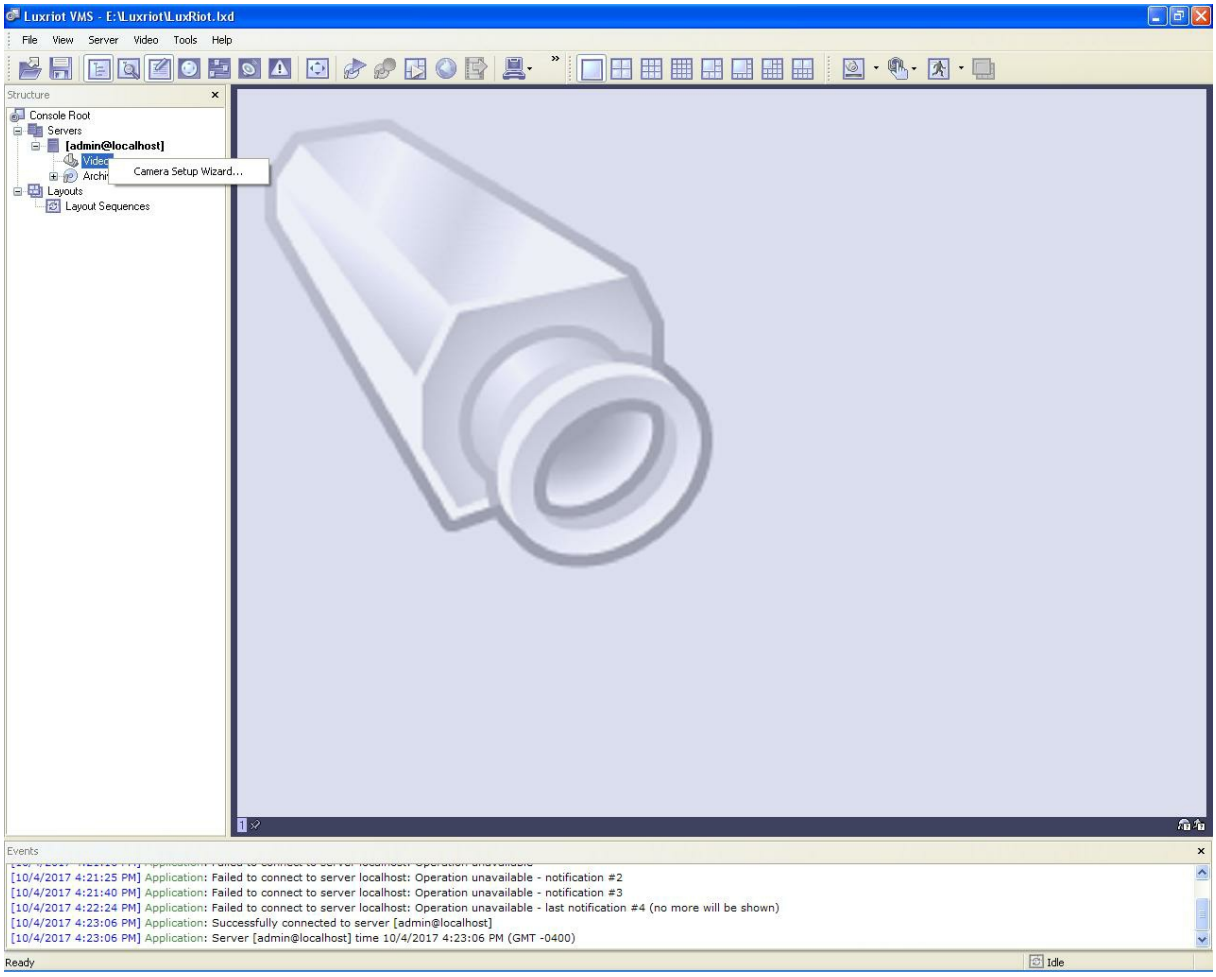
- In WebConfig, go to the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4



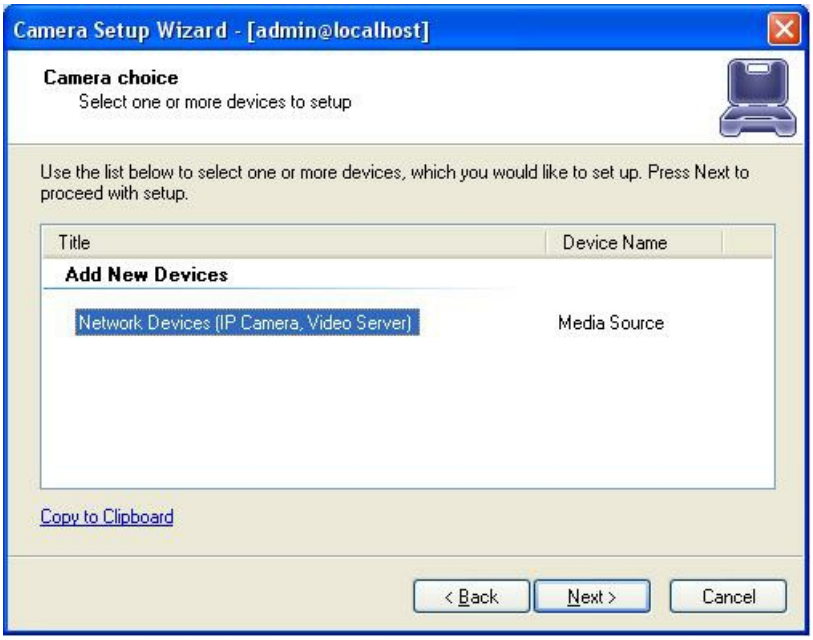
Adding a SightLogix Device to Luxriot

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.

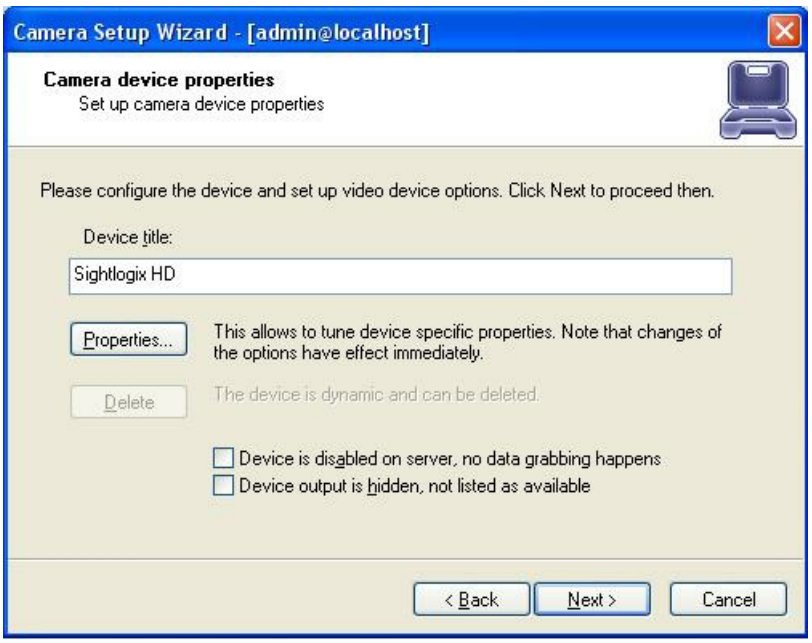
- In Luxriot, right-click the *Video* link from the left-side navigation to start the Camera Setup Wizard.



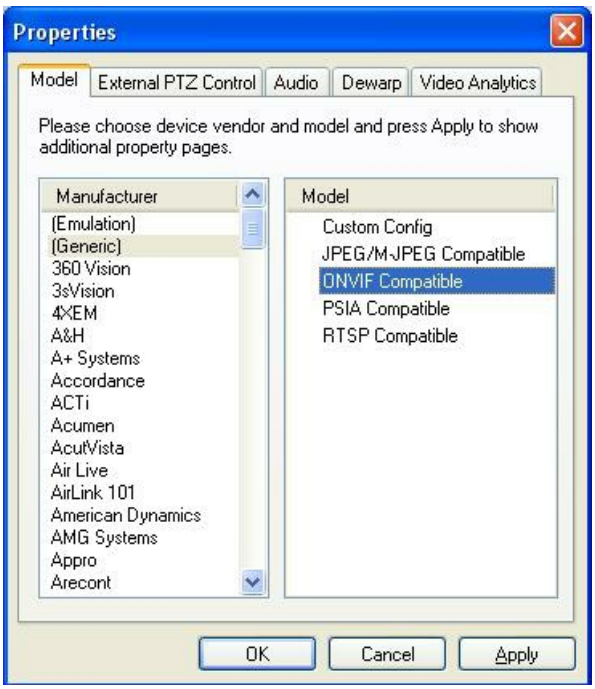
- Select *Network Devices(IP Cameras, Video Server)* under Add New Devices, and click *Next.*



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

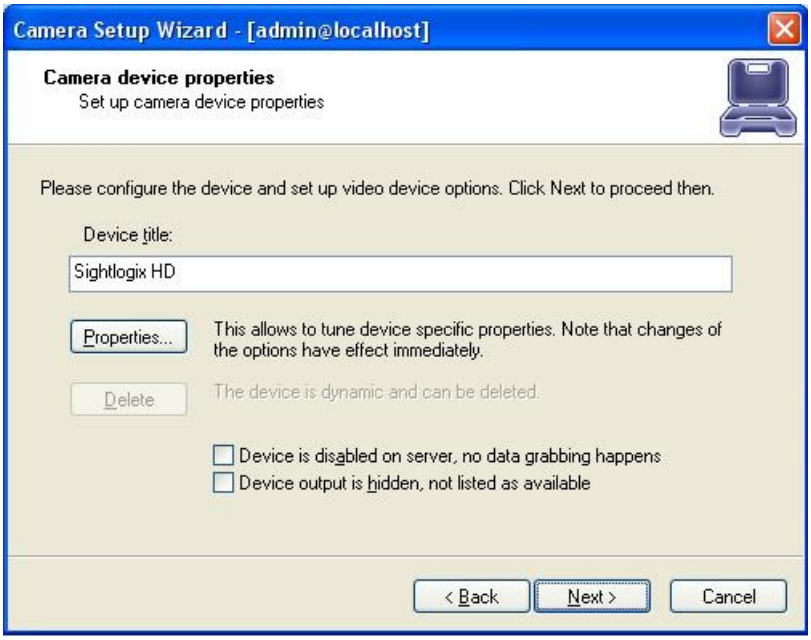


- Select *Generic* for the Manufacturer and choose *ONVIF Compatible* for the model. Click *OK*.



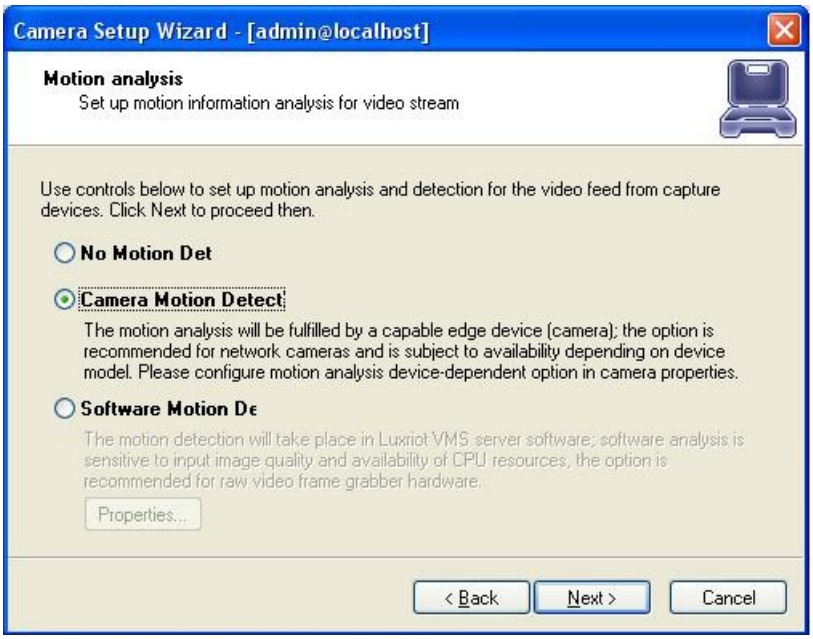
- The Properties window opens. Enter the camera IP address, and enter the default User Name *service* and default Password *test1234*. Click *OK*.

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



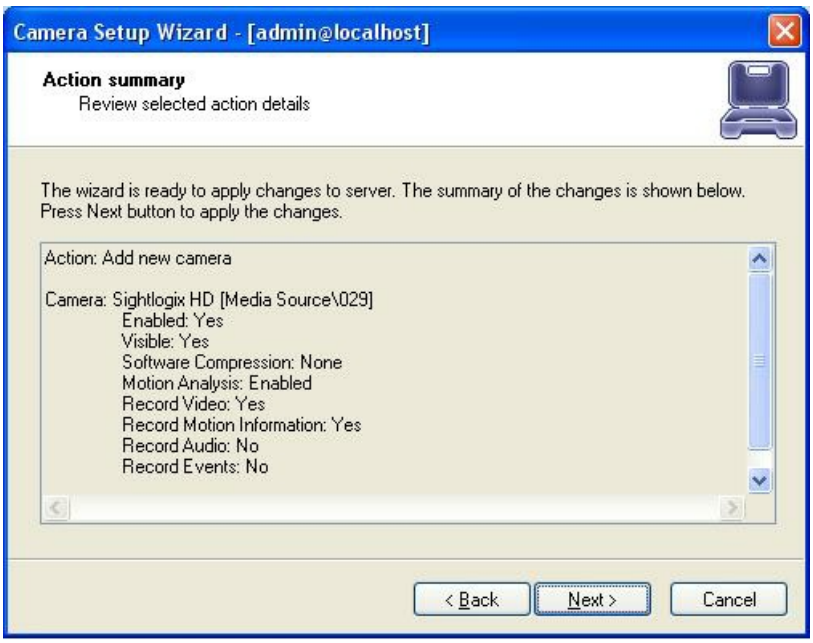
Enabling Video and Motion Detection

- Select the Camera Motion Detect radio button and click *Next*.



- Check the Video and the Video Motion Information boxes and click *Next*.

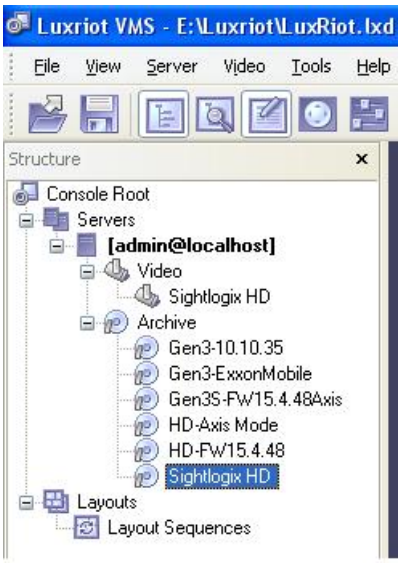
- The Action Summary window opens. Review the information and click *Next*.



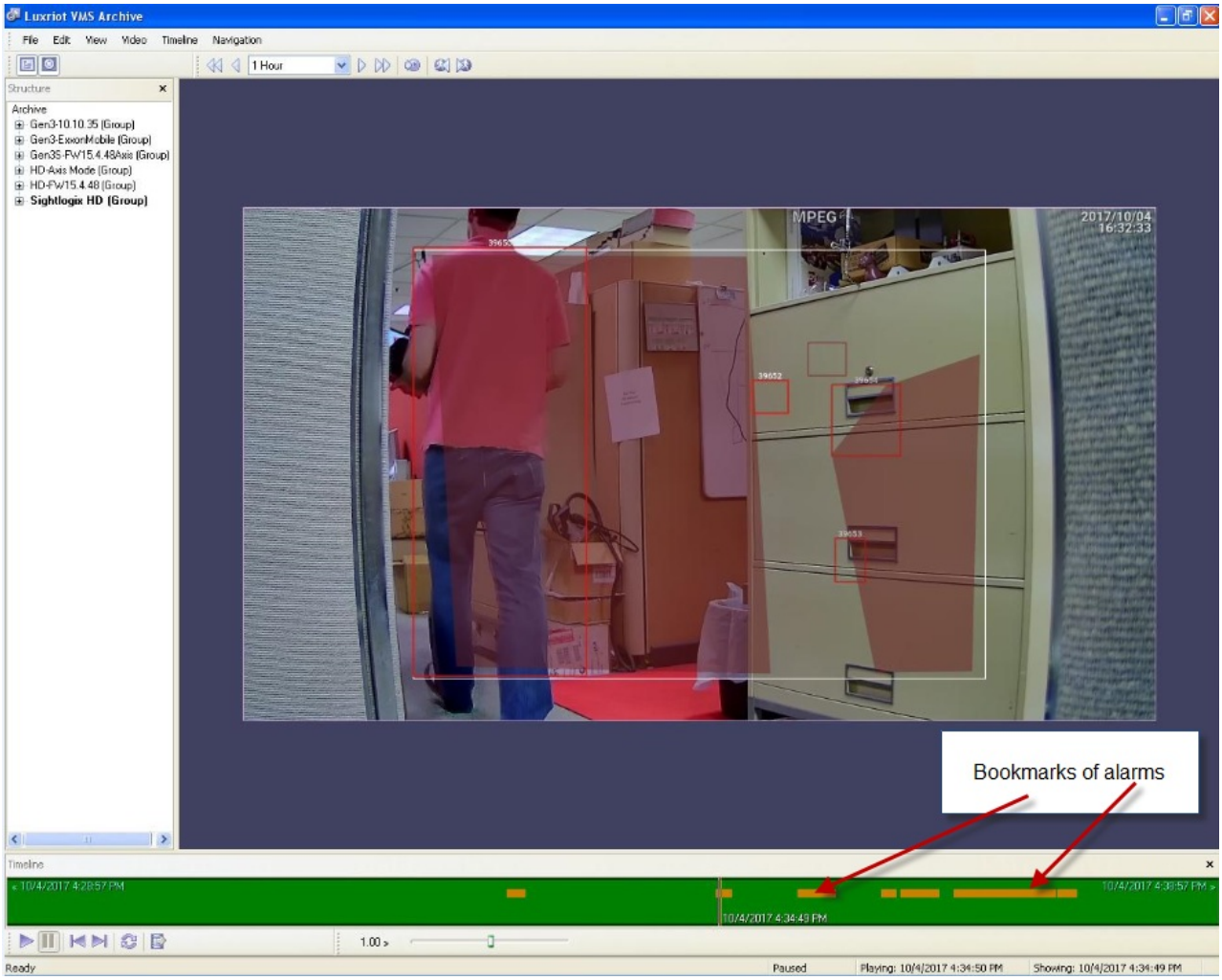
- The Camera Setup Wizard is complete. Click *Finish*.

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.


Luxriot VMS Archive
File Edit View Video Timeline Navigation
1 Hour
Structure
Archive
Gen3-10.10.35 (Group)
Gen3-ExxonMobile (Group)
Gen35-FW15.4.48Axis (Group)
HD-Axis Mode (Group)
HD-FW15.4.48 (Group)
Sightlogix HD (Group)
MPEG-4
2017/10/04
16:32:33
Bookmarks of alarms
Timeline
10/4/2017 4:34:49 PM
1.00 x
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

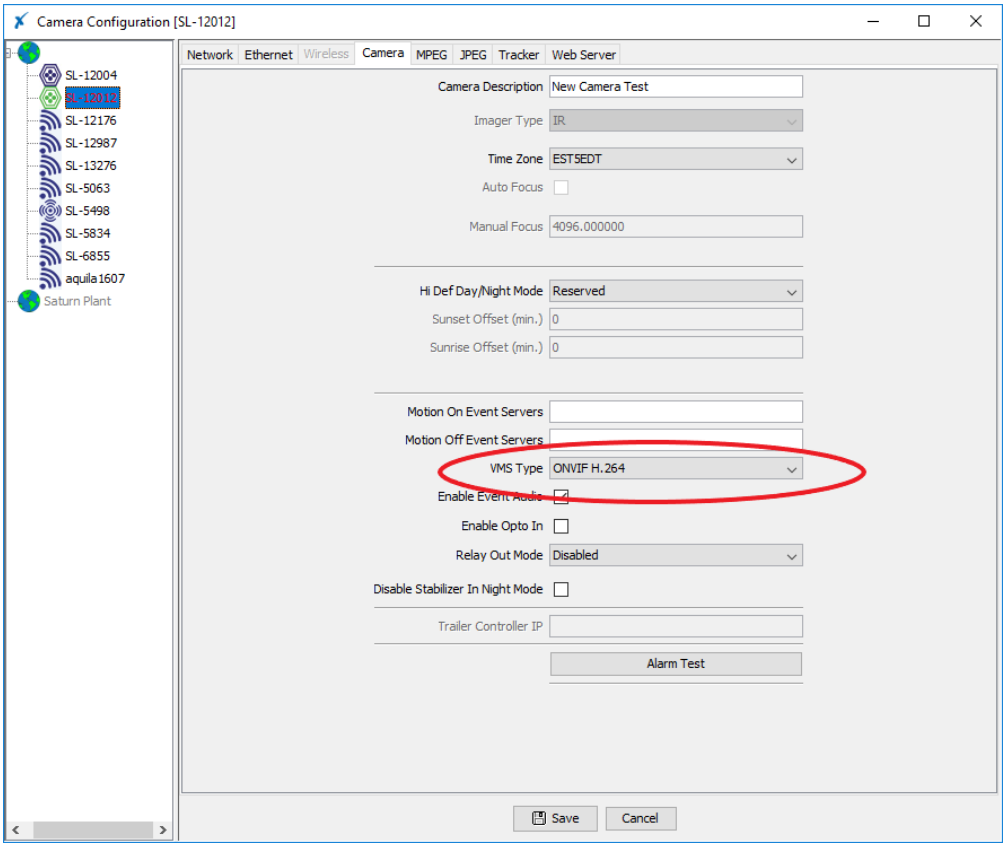
Tested with Milestone 2020 R3
Tested with SightLogix Firmware 10.10.85 and 16.0.30

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.

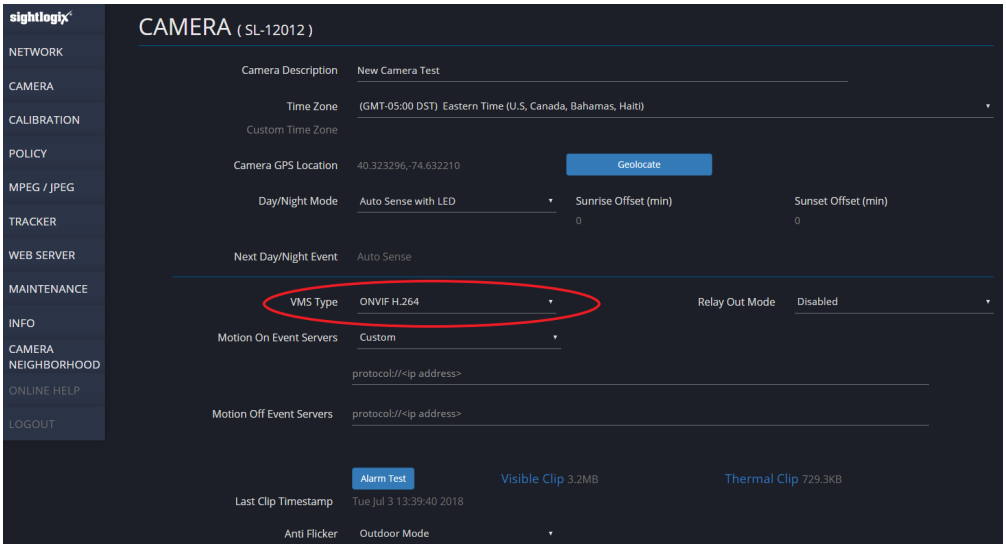
- In SightMonitor, right-click your device, click Configure, choose the Camera tab, and set the VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.



Adding Devices Using WebConfig

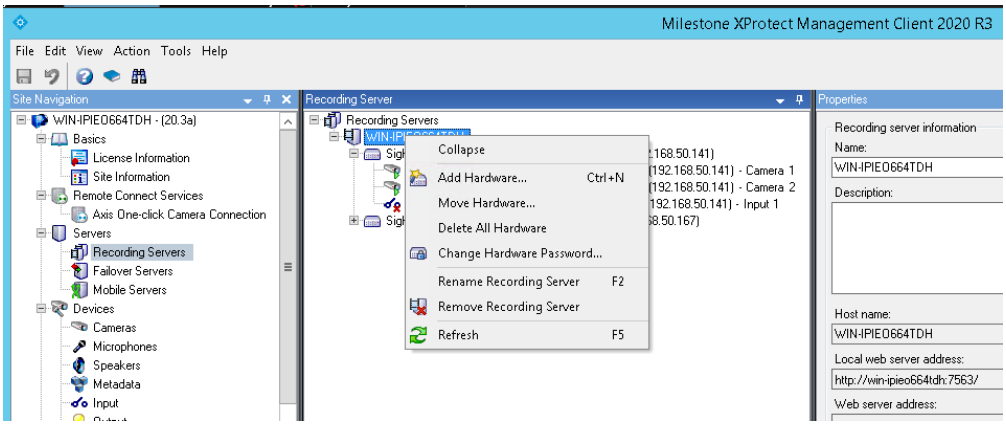
If you are using WebConfig to manage your SightLogix device, do the following.

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

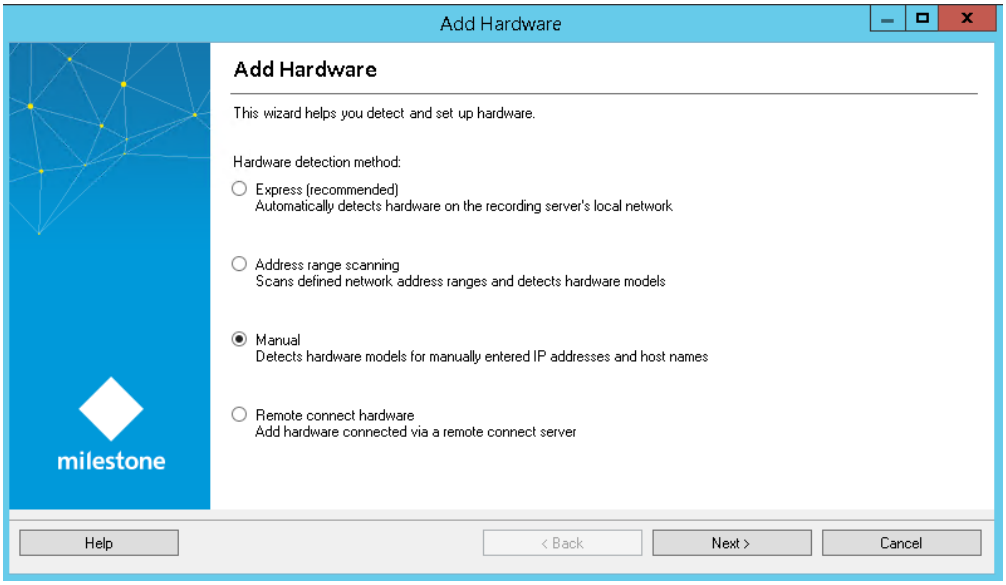


Now that the VMS type has been set in either SightMonitor or Webconfig, you next add devices to Milestone as hardware units.

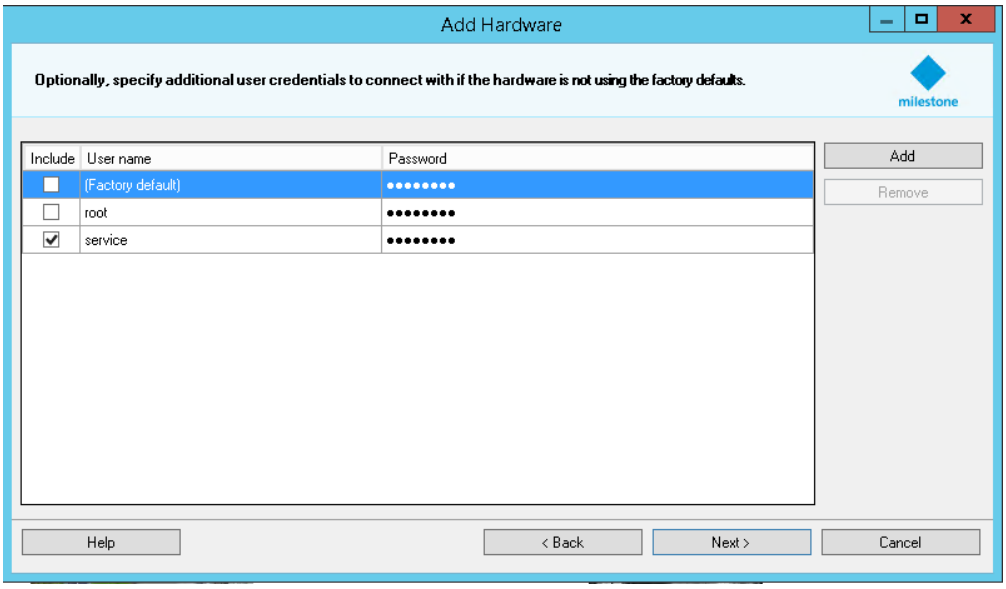
- From the Milestone Xprotect Menu Tree, select Recording Server on left, then right-click on the VMS server in the middle panel and select “Add Hardware”, as shown.



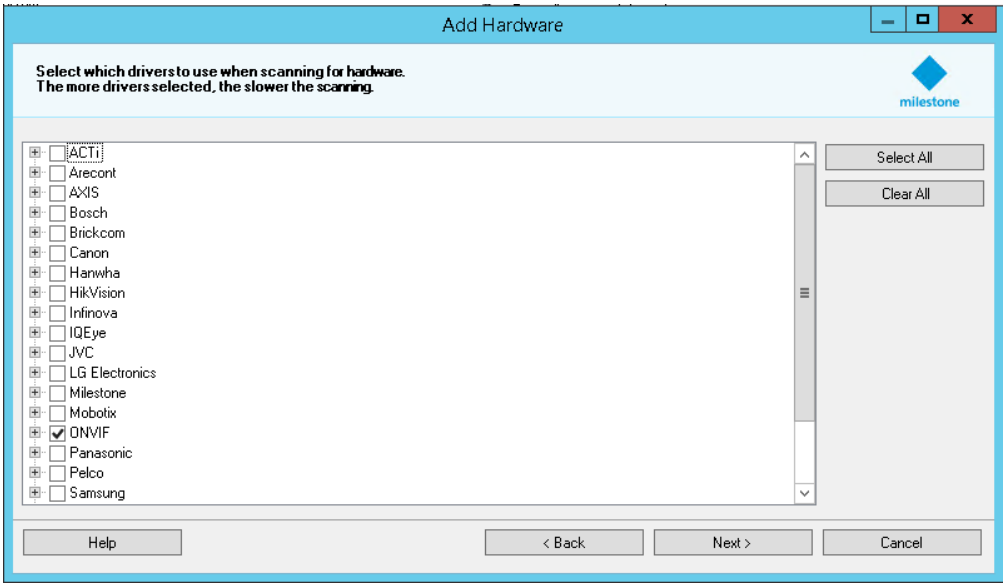
- Select Manual and click next, as shown.



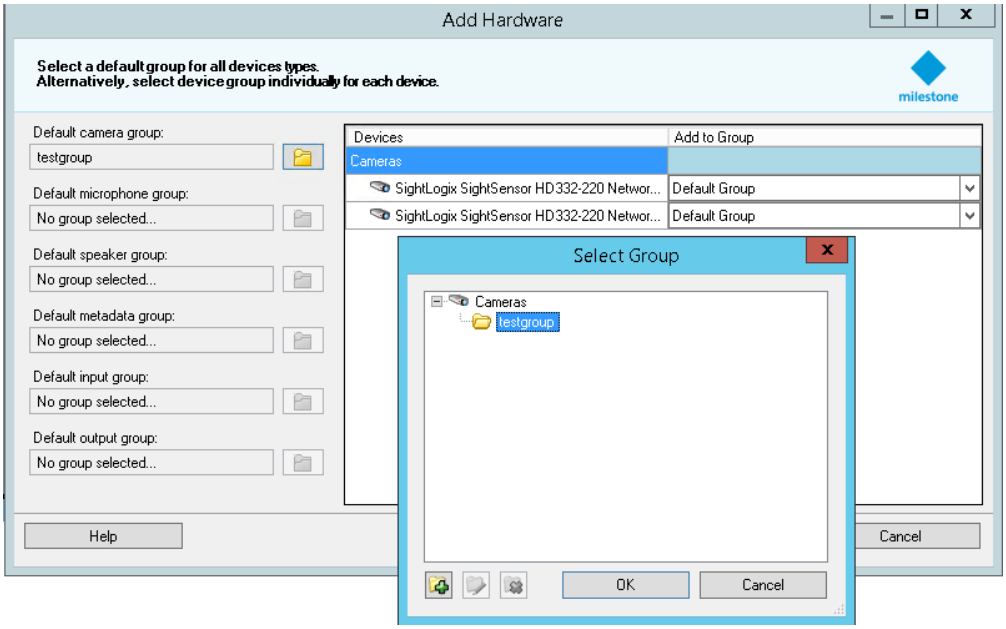
- Milestone 2020 R3 does not work with default ONVIF username/password.
    - Instead, configure the ONVIF username and password via WebConfig (or SightMonitor/CS) and enter these credentials when adding the camera.



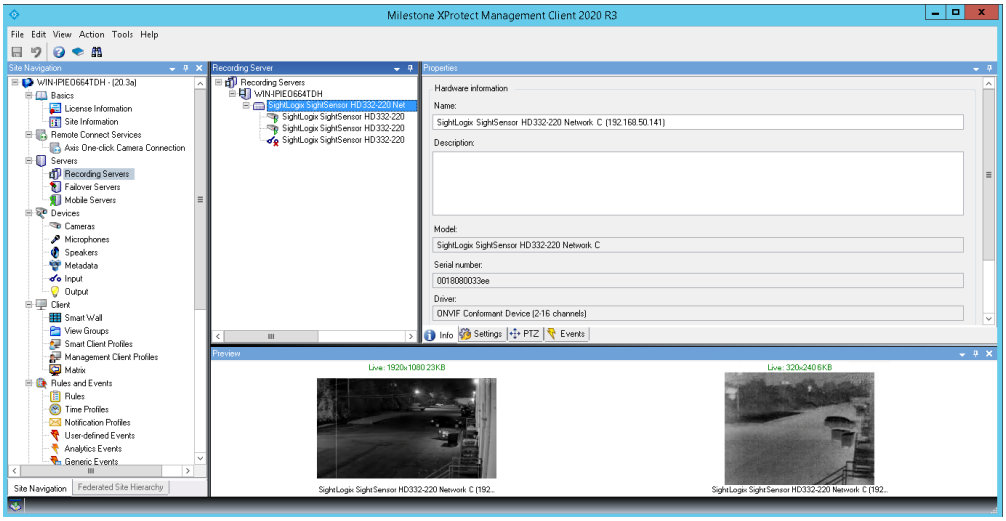
- Select ONVIF, and click Next.



- 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.



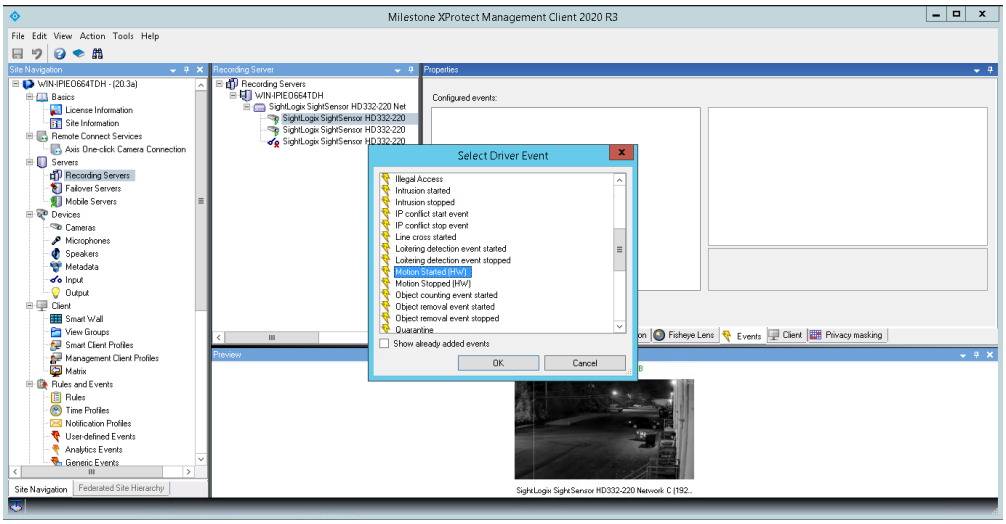
- Click Finish. A successfully added camera appears as shown. If you have a SightSensor HD, the visible and thermal sensors will be added as two cameras from the same IP address.



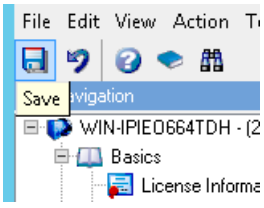
Setting Alarms

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

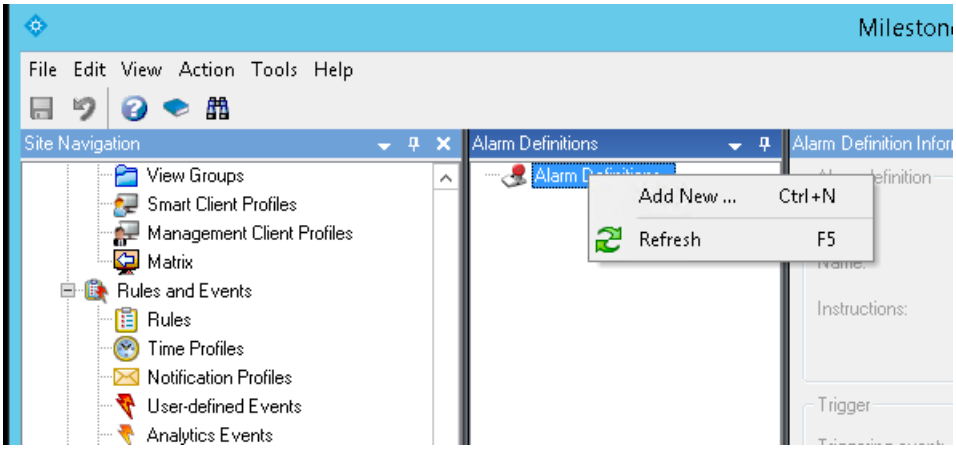
- Select Recording Server ->Camera -> Event tab.
- Add Motion Started/Motion Stopped event, as shown.



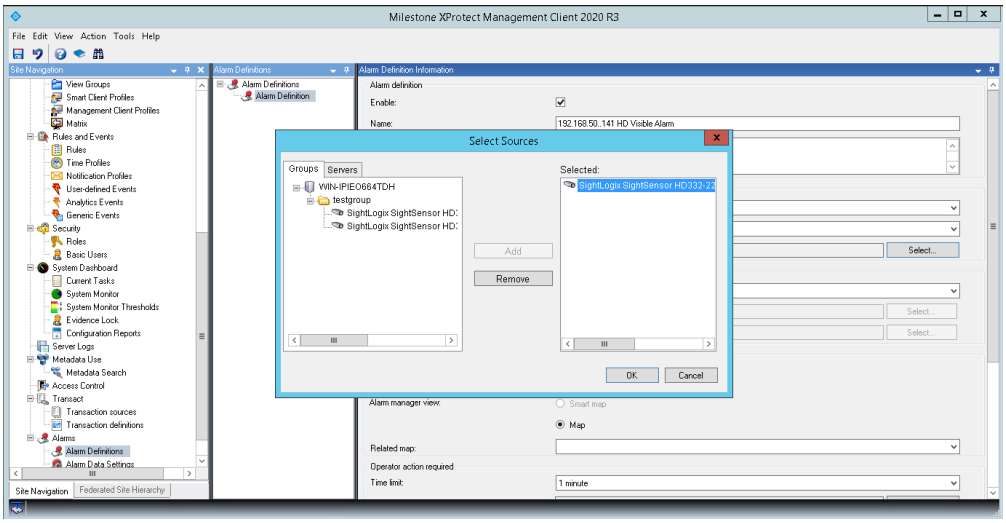
- Click Save



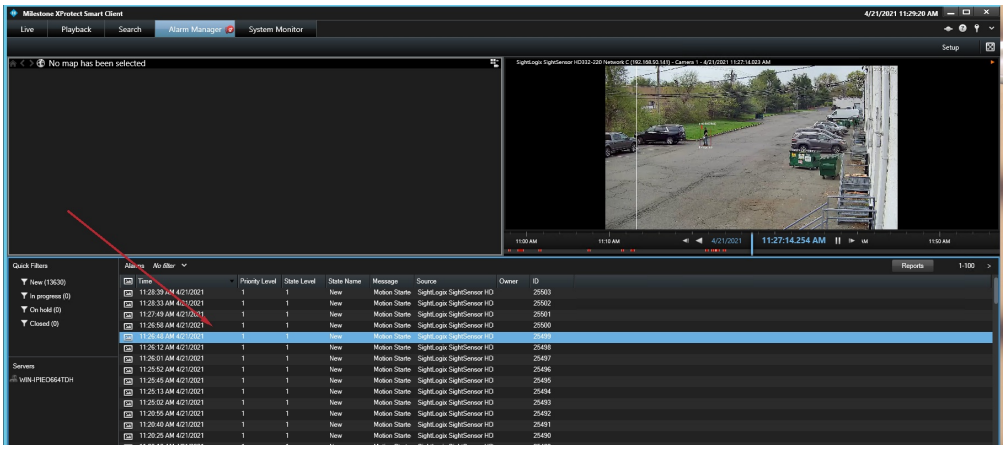
- Go to Alarm Definitions under Alarm on left-side navigation menu.
- Right Click Alarm Definitions in the middle panel and choose Add New.



- 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.



- 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

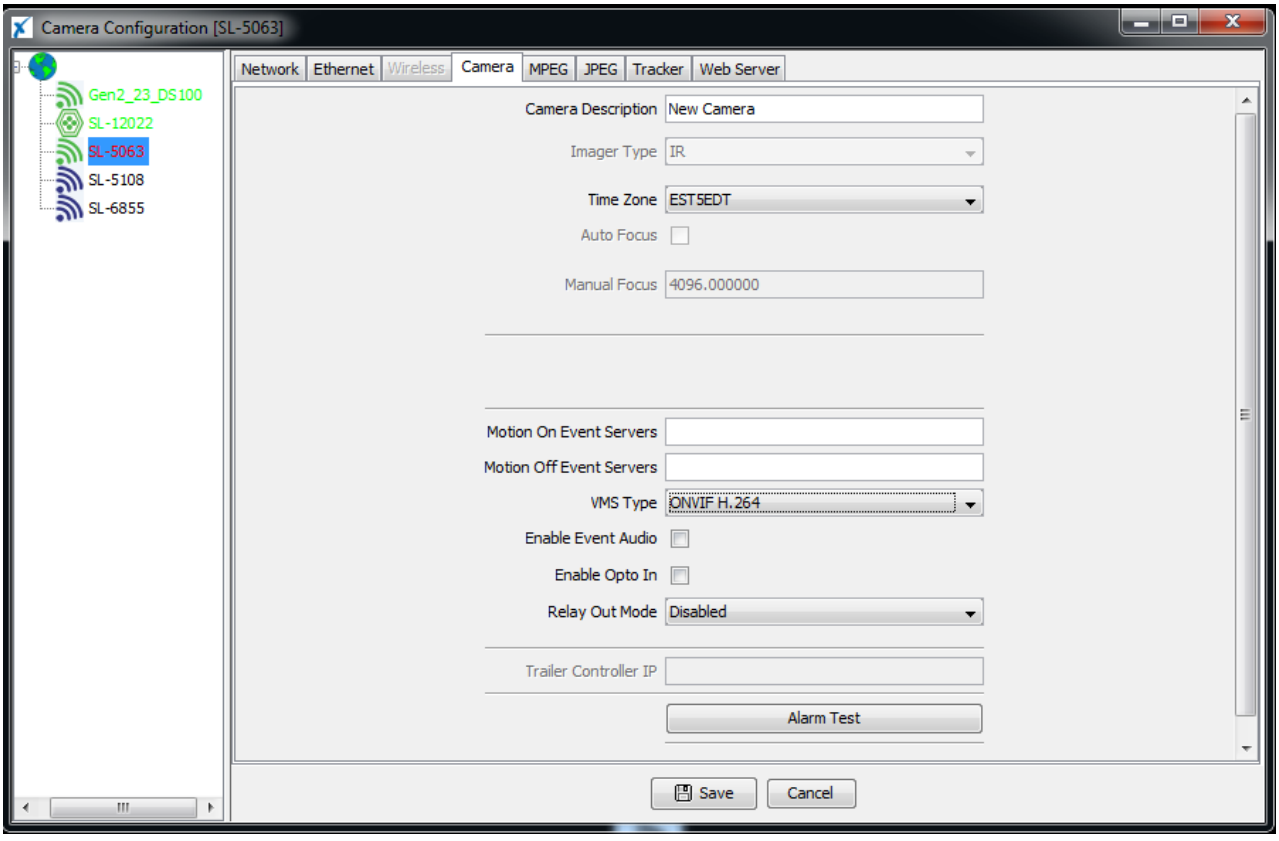
Tested with Luxriot EVO V1.6.0.20768
Tested with SightLogix Firmware 10.10.61, and 15.6.85

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

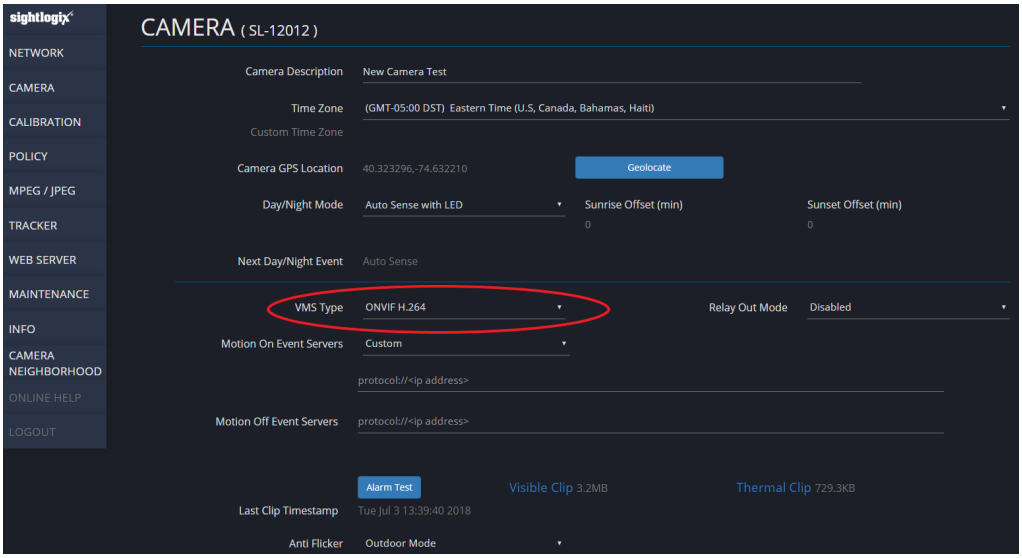
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



Adding Devices with WebConfig

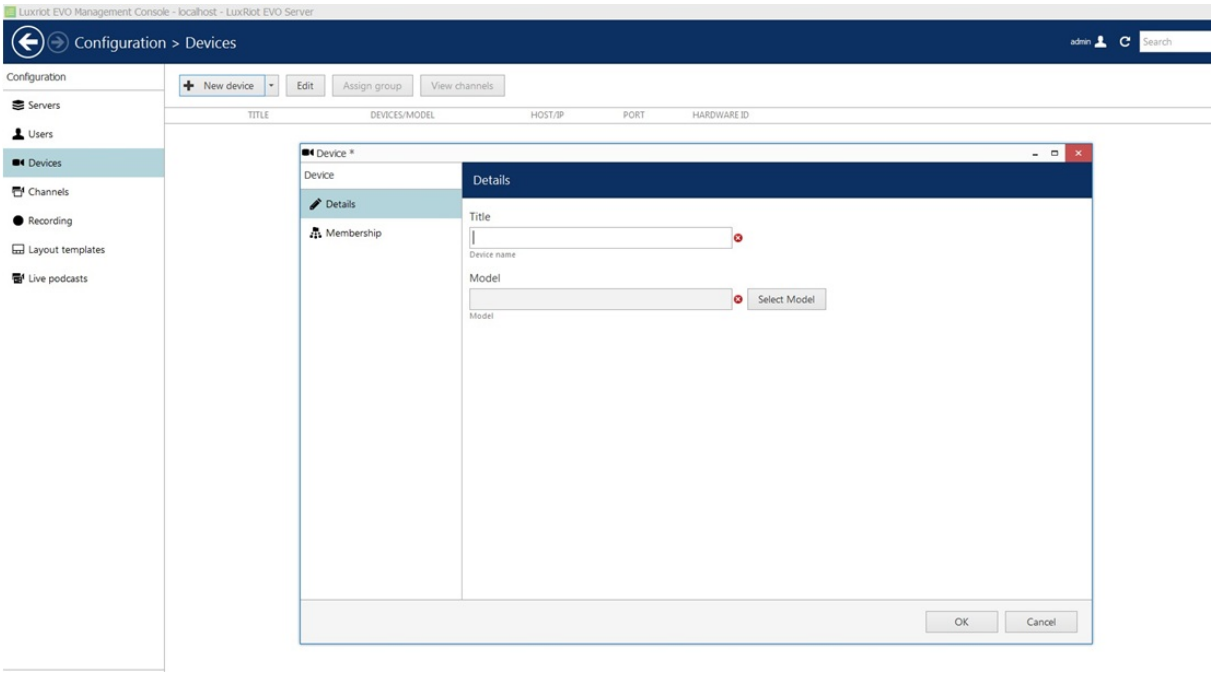
- In WebConfig, click the Camera tab and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.



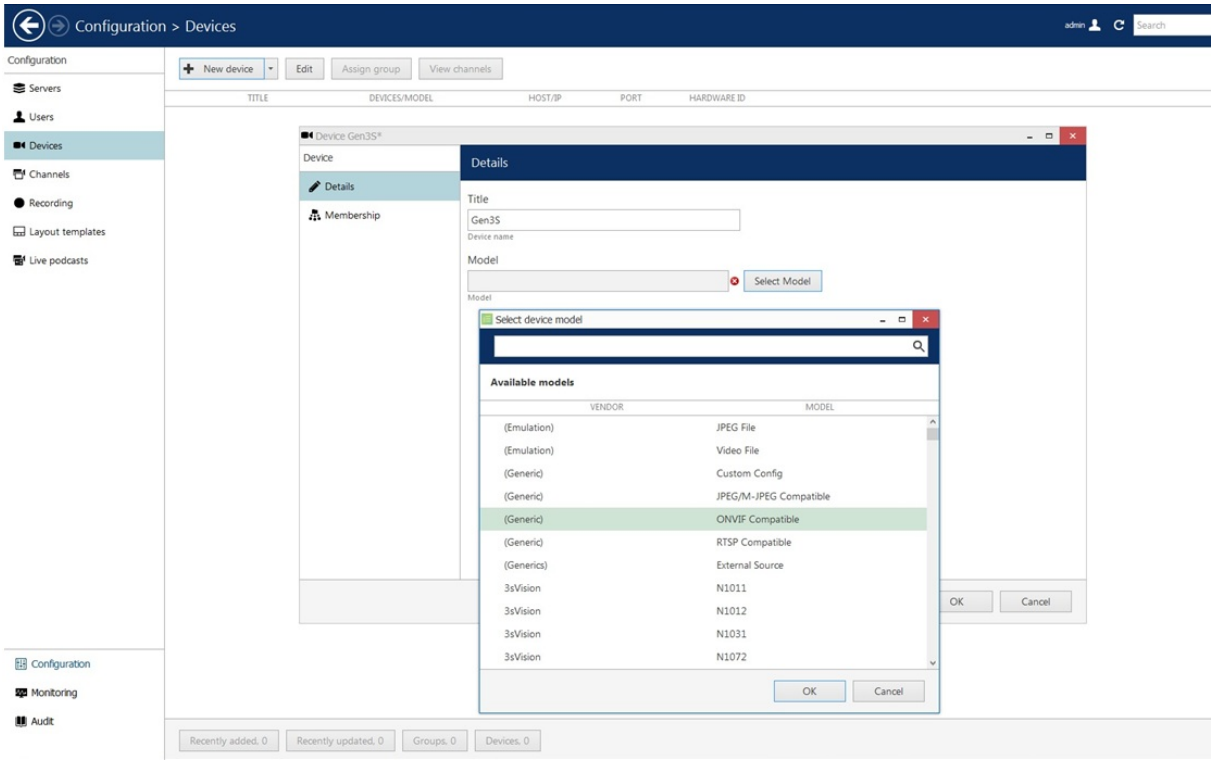
- Click Save.
- The camera will reboot.

Adding a SightLogix Device to Luxriot EVO

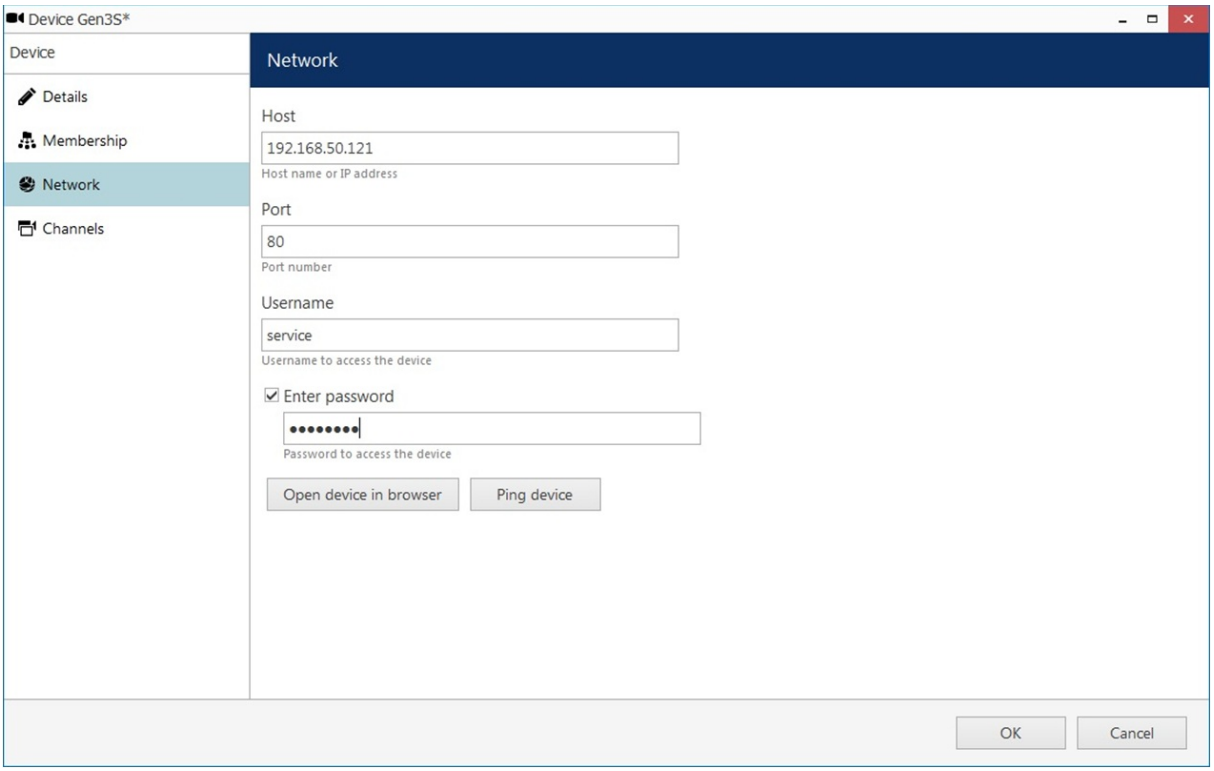
- Login to LuxRiot EVO, click on the upper left menu and select Device, then click New Device button.



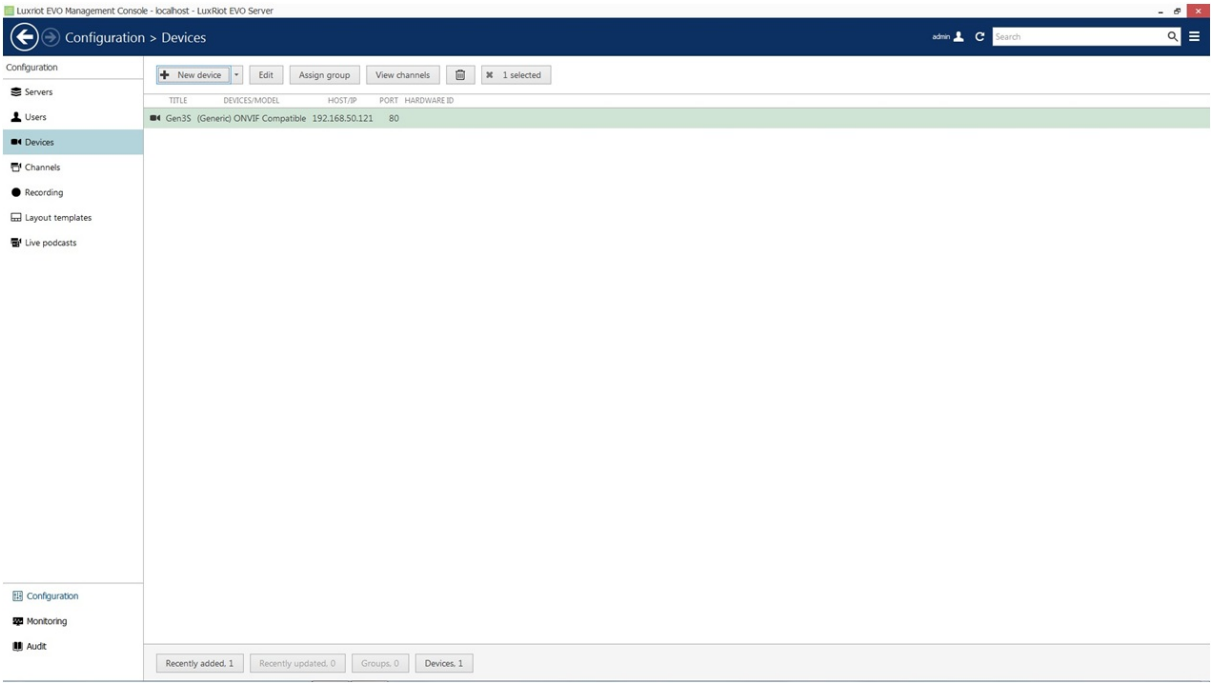
- Enter the camera's information and click Select Model.
- Choose ONVIF Compatible as device model and click Ok.



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

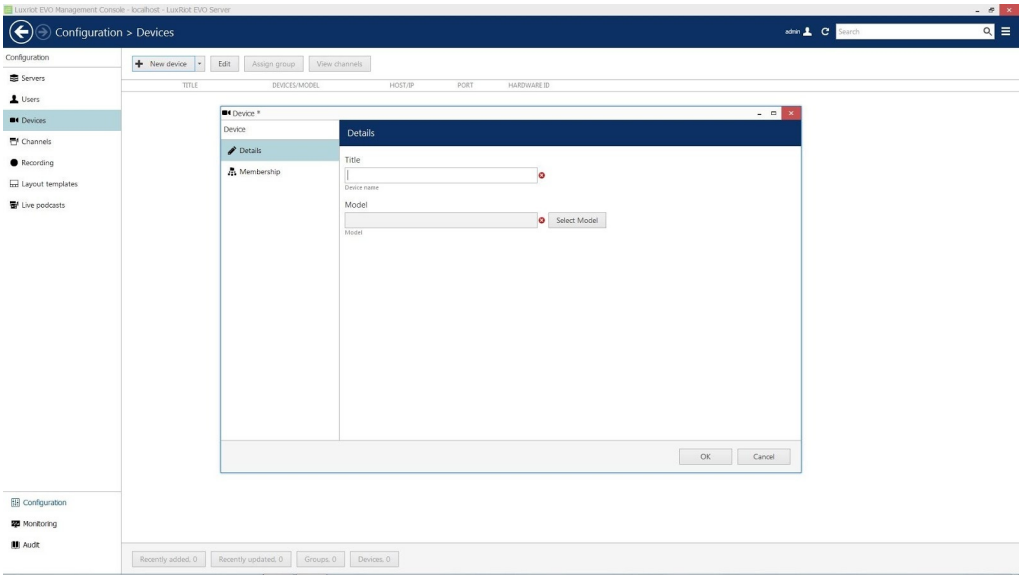


- The is camera added, as shown.

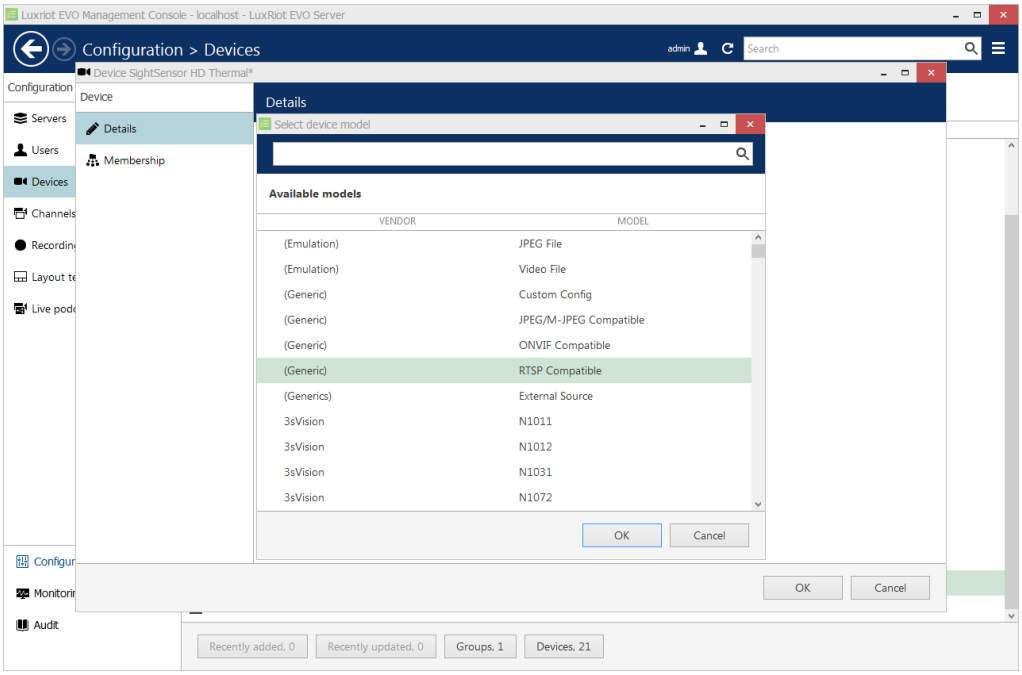


Note for SightSensor HD: The above steps will only add the visible stream to LuxRiot. To add the thermal video, follow the next steps

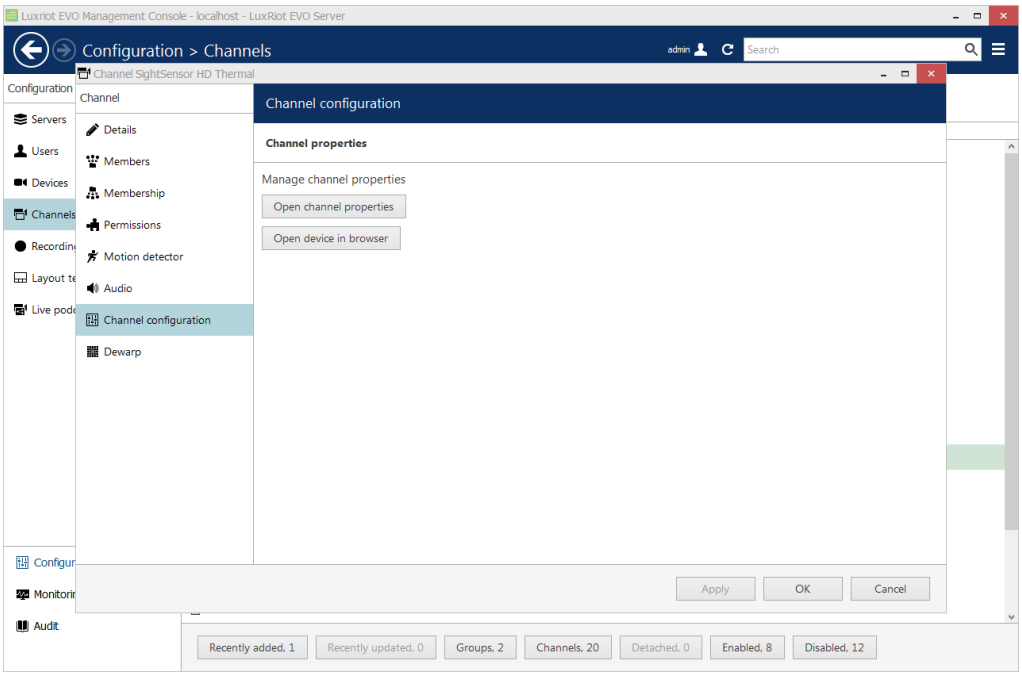
- Go back to the upper left menu and select Devices
- Click New device button



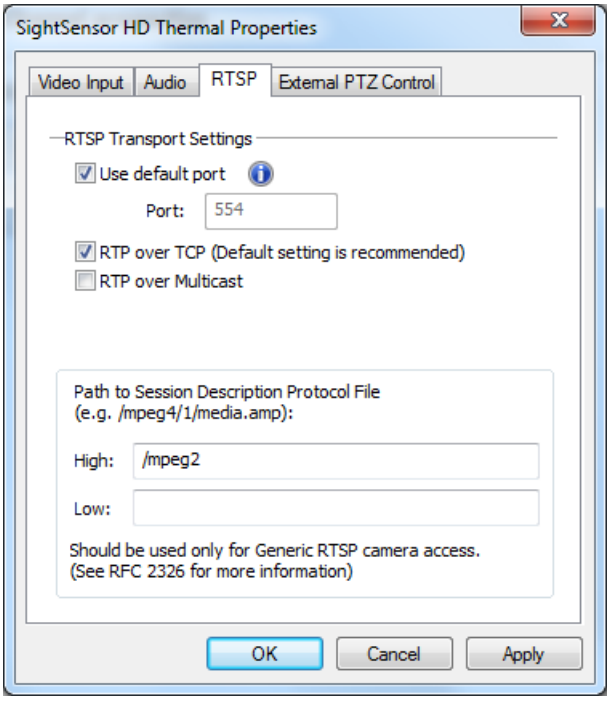
- Enter the camera's information. To avoid confusion, consider naming this camera similar to the previous camera added, followed by "Thermal".
- Click Select Model. Camera type is RTSP Compatible.
- Click OK.



- 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.



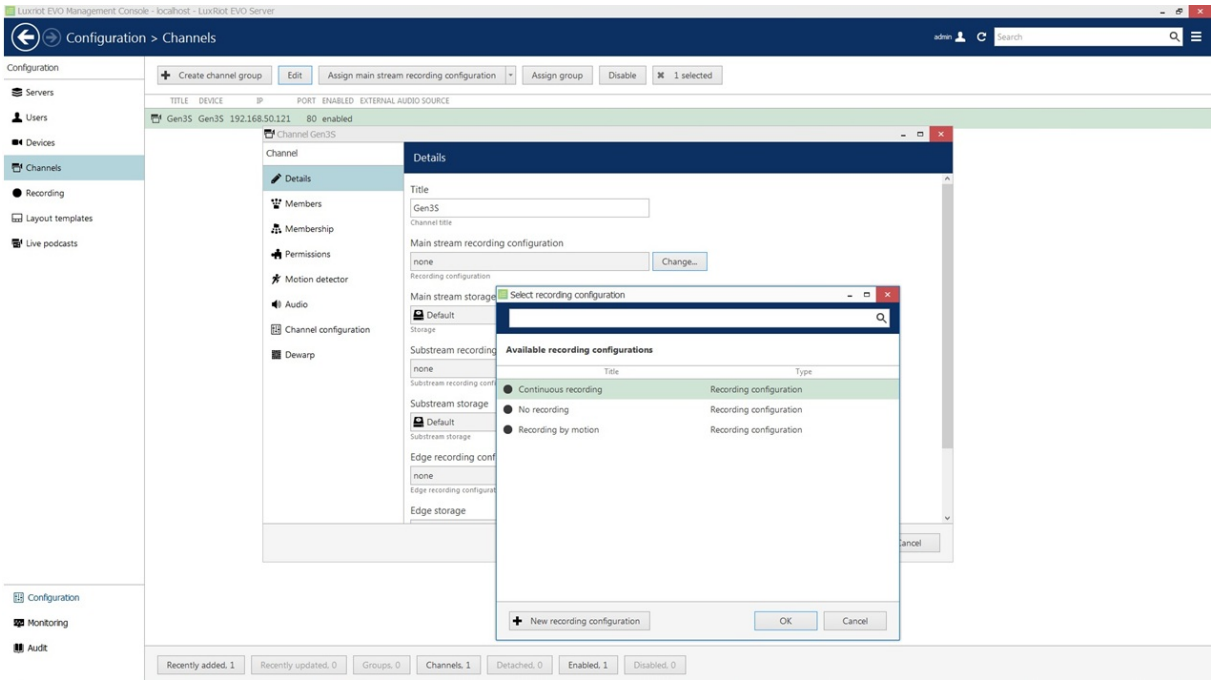
- Click the RTSP tab, and in the “High” field towards the bottom, enter “/mpeg2”.
- Click Apply and OK.



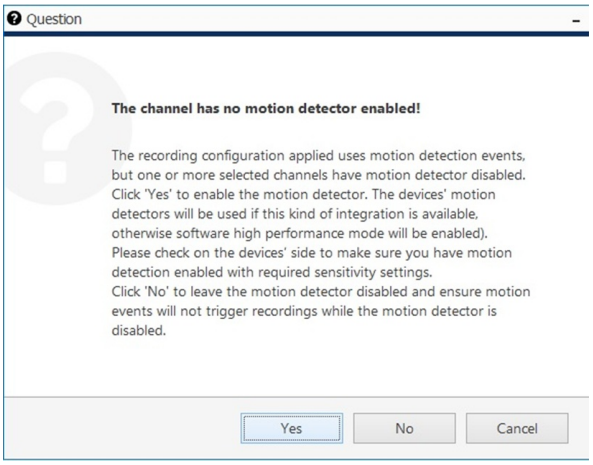
Setting Alarms

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".



- 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

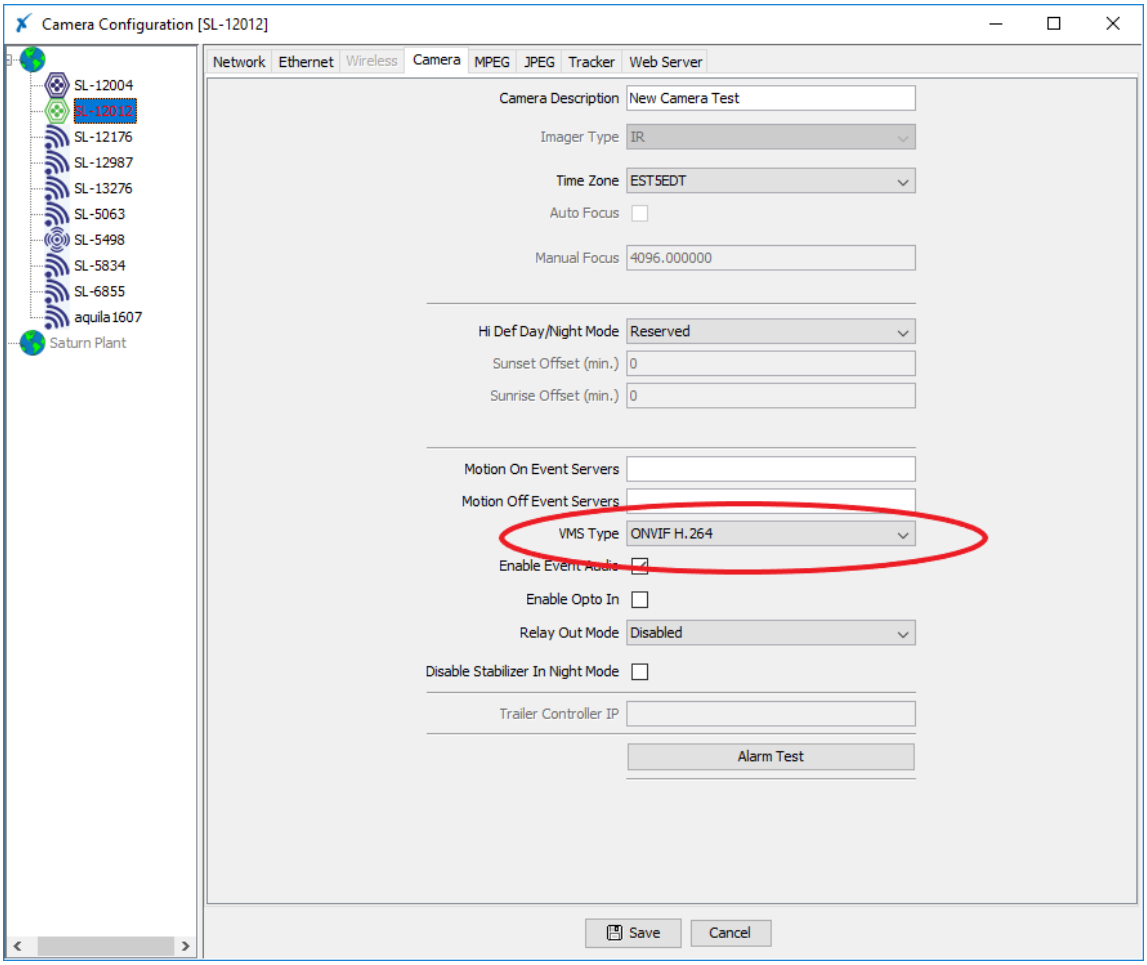
Tested with Bosch VMS 7.5 and 8.0
Tested with SightLogix Firmware 10.10.48 and 15.6.85

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

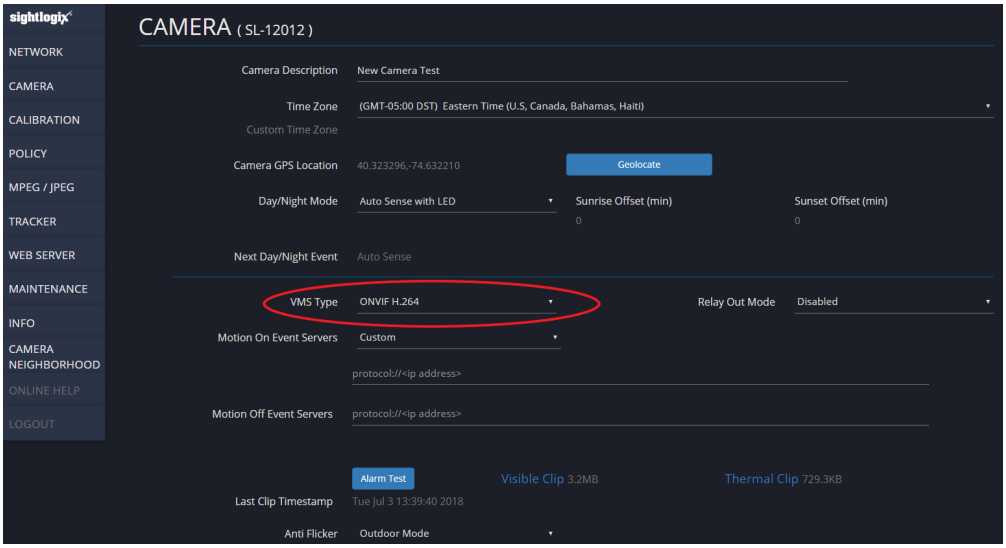
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



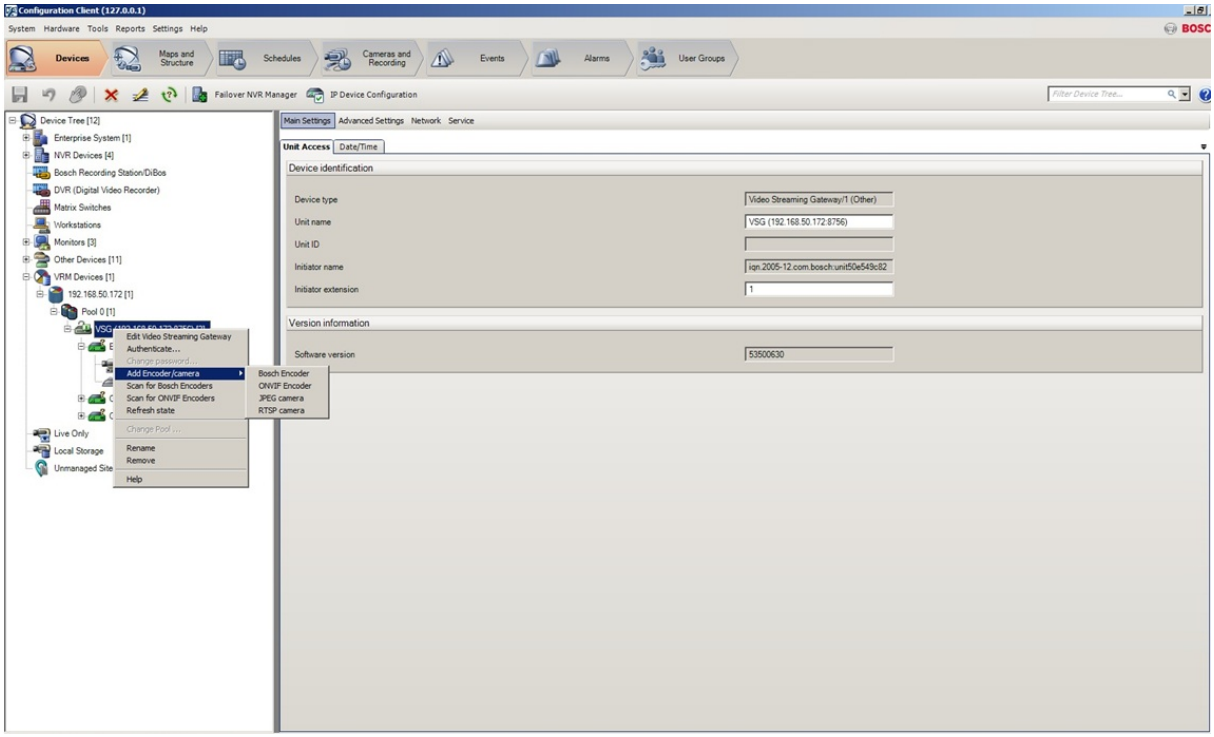
Adding Devices with WebConfig

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

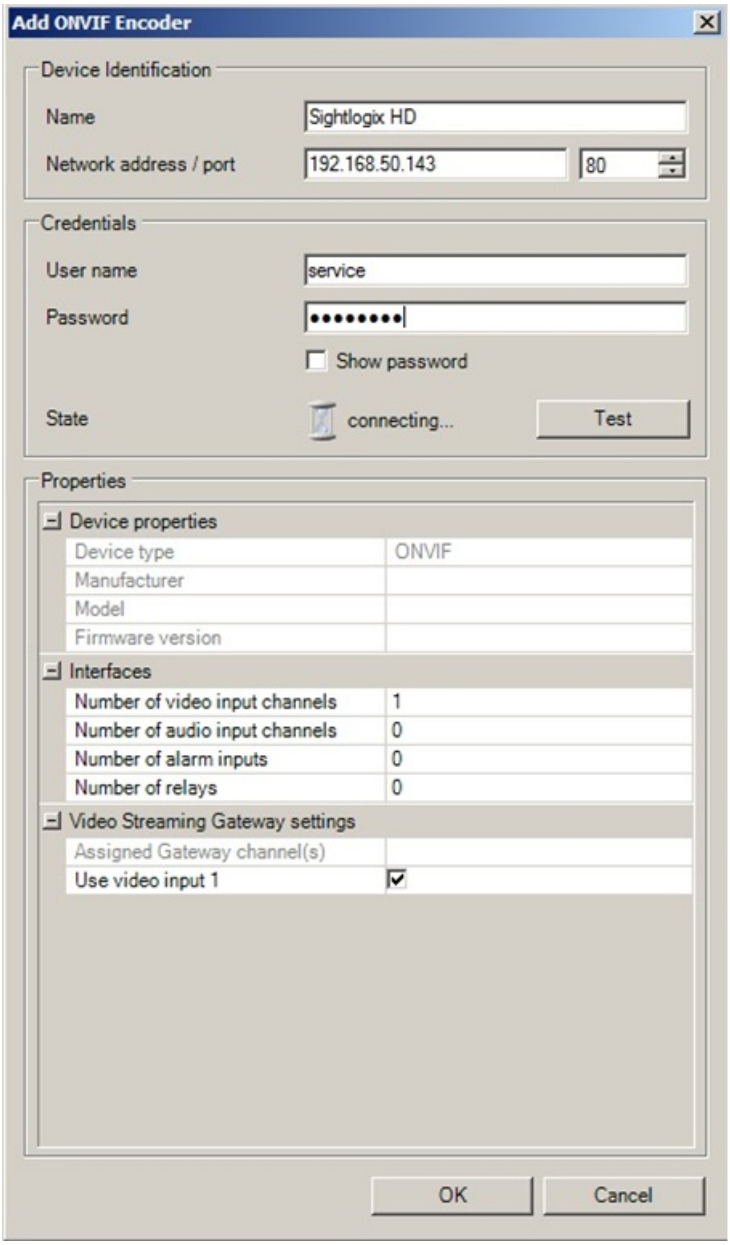


Next, add devices individually as ONVIF units.

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

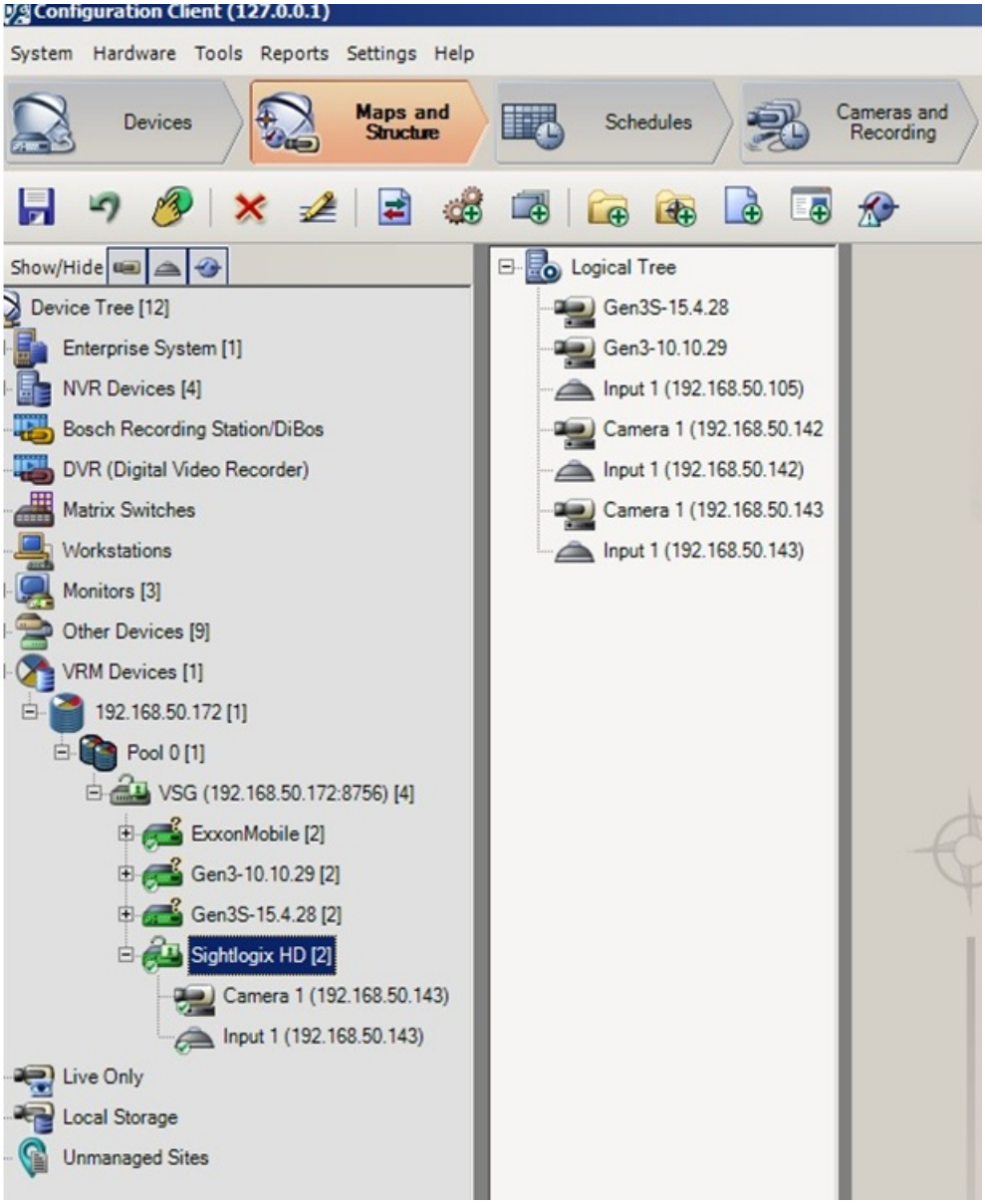


- Enter the Camera information. Default username/password is *service/test1234*. Click OK.



- Save the configuration by clicking Save on upper left.

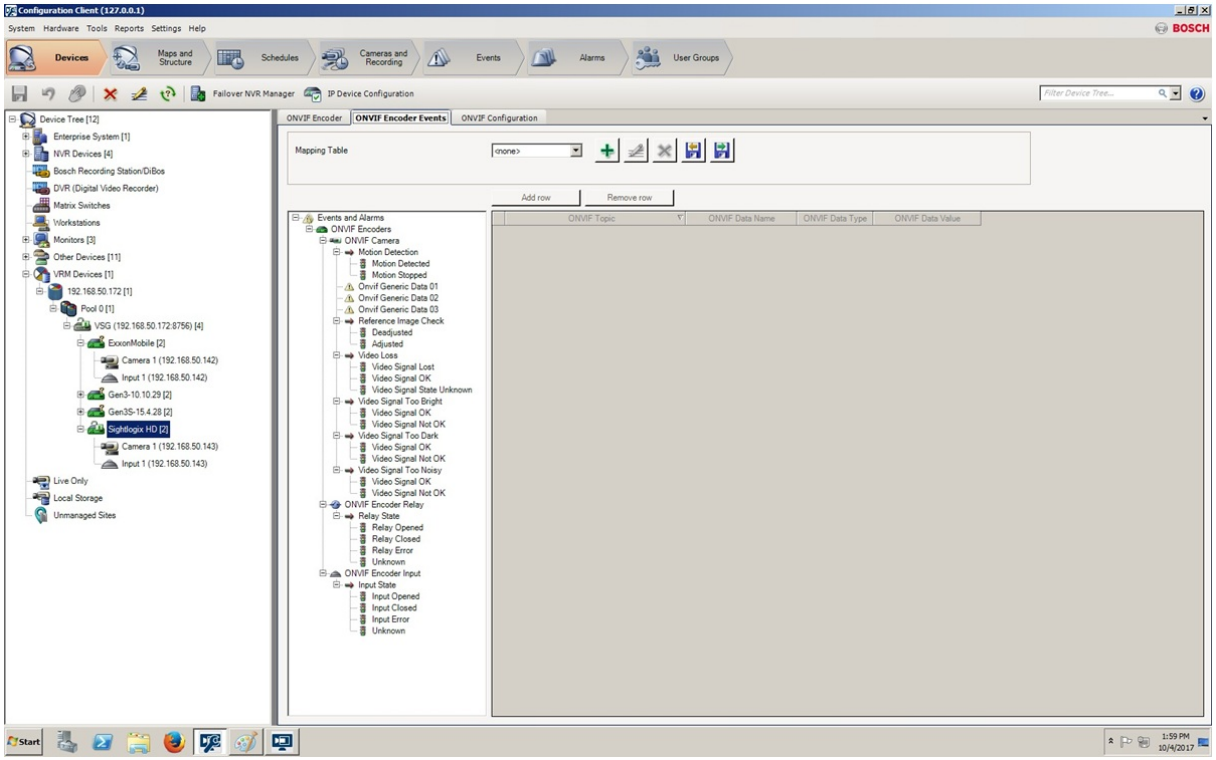
- Select the Maps and Structure tag (at top) and drag the camera from the left pane into the Logical Tree.



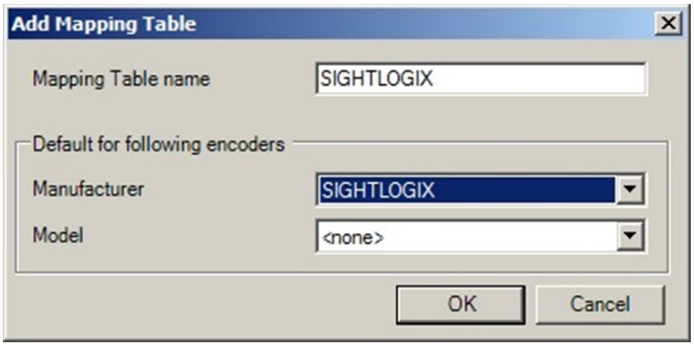
Setting Alarms

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

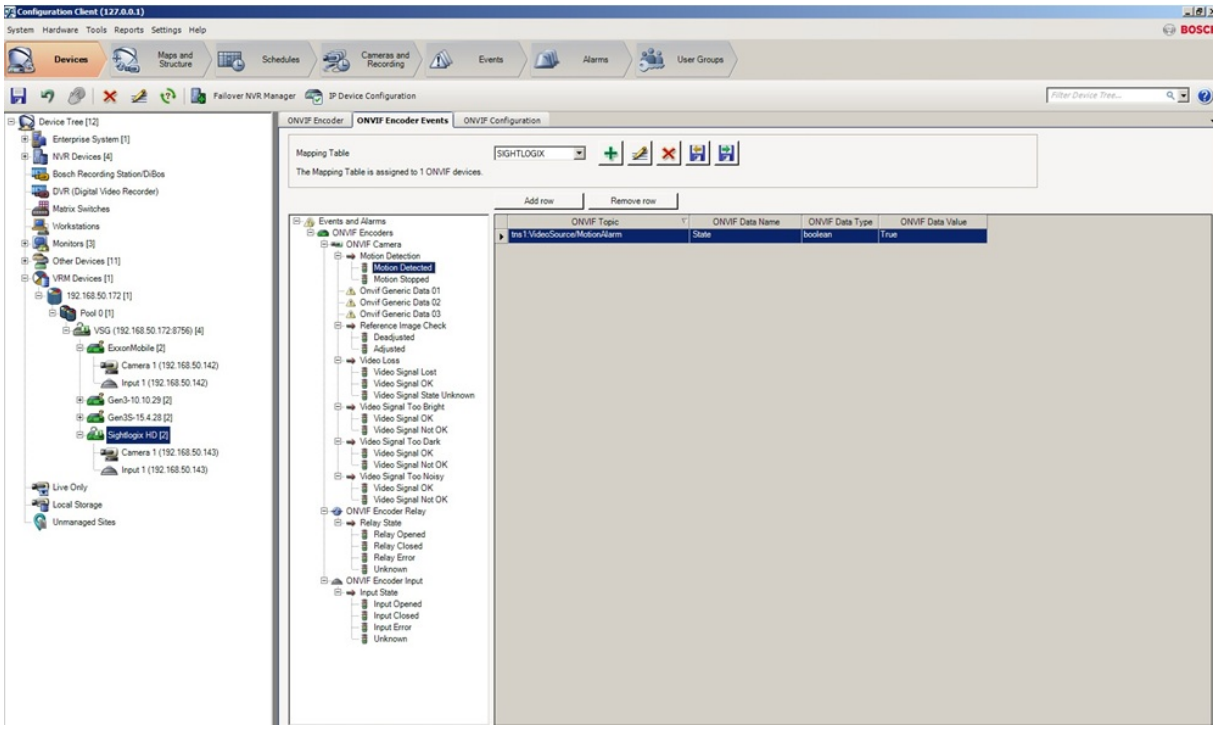
- Click the Device tab on top. Select the newly added camera.
- Click the ONVIF Encoder Events tab.
- Click the "+" button to add a new Mapping Table.



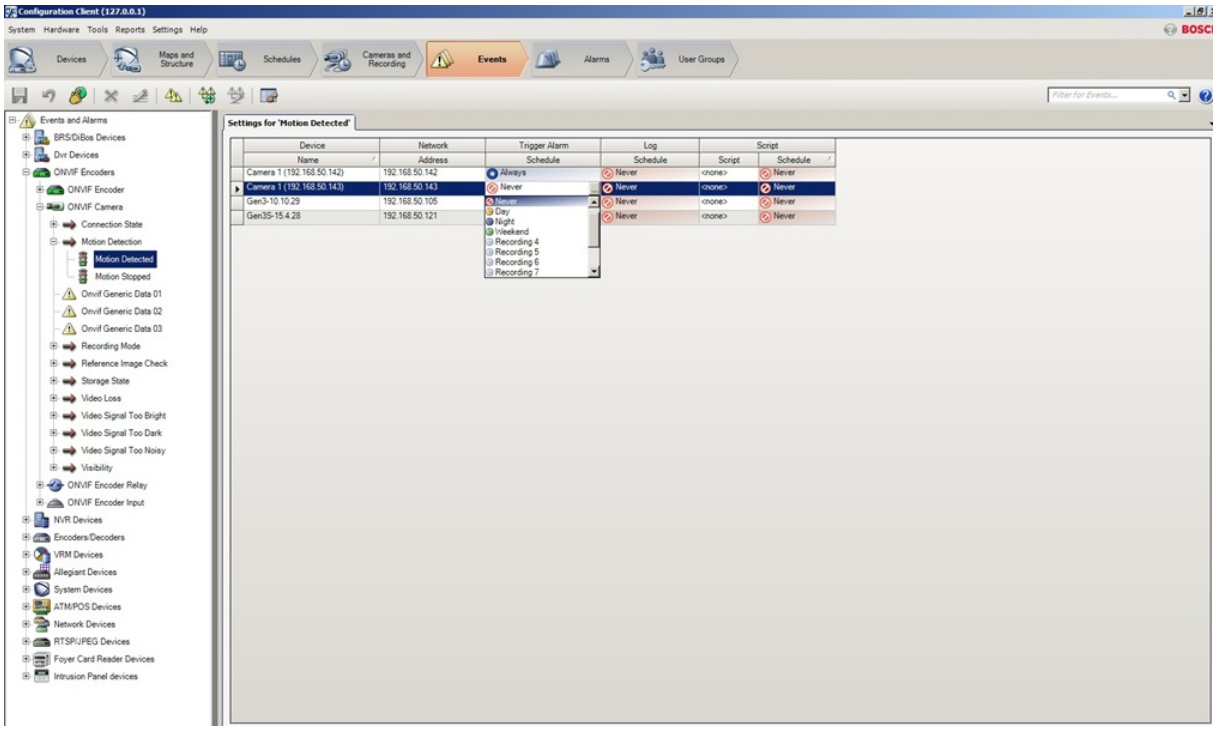
- Enter the information and click OK.



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

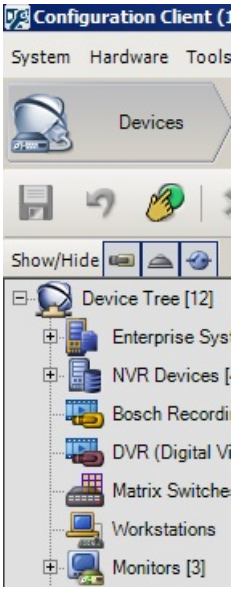


- Click the Event tab on top. Select **Motion Detected** under ONVIF Camera - Motion Detection on the left menu. Select the newly added camera and under Trigger Alarm Schedule change from Never to Always.
- **Repeat this process for Motion Stopped**. Select **Motion Stopped** under ONVIF Camera - Motion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

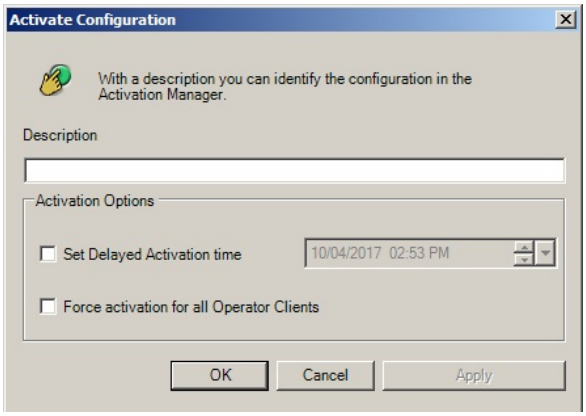


- Click Save.

- Click Activation button to activate saved configurations.

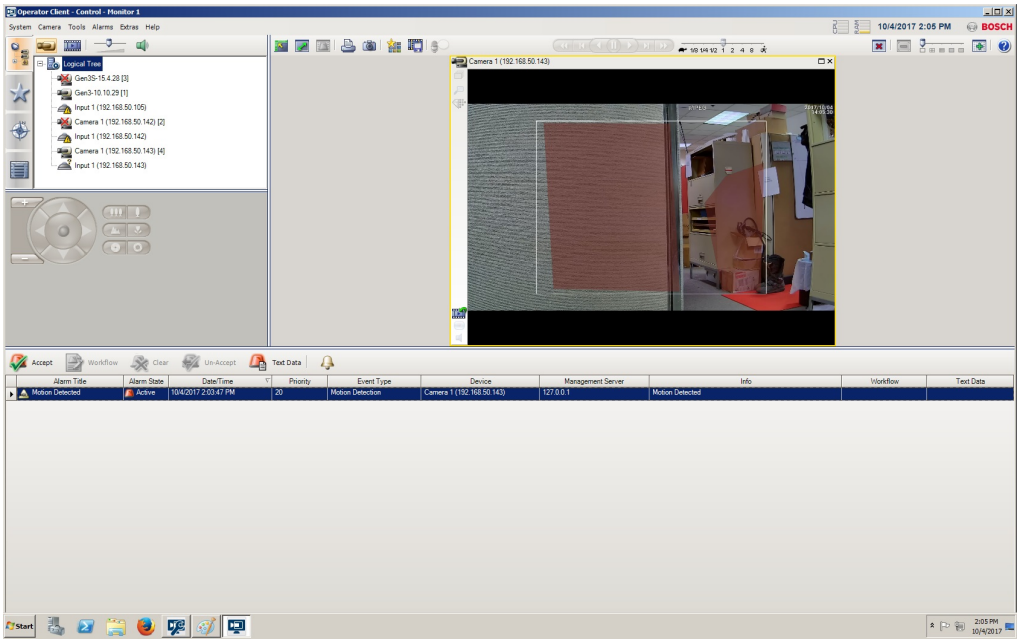


- Complete the entries and click OK.



Viewing Video and Alarms

Open BVMS Operator Client to view the video and alarms.


Operator Client - Control - Monitor 1
System Camera Tools Alarms Extras Help
10/4/2017 2:05 PM
BOSCH
Logical Tree
Gen3S-15.4.28 [3]
Gen3-10.10.29 [1]
Input 1 (192.168.50.105)
Camera 1 (192.168.50.142) [2]
Input 1 (192.168.50.142)
Camera 1 (192.168.50.143) [4]
Input 1 (192.168.50.143)
Camera 1 (192.168.50.143)
Accept
Workflow
Clear
Un-Accept
Text Data
Alarm Title
Alarm State
Date/Time
Priority
Event Type
Device
Management Server
Info
Workflow
Text Data
Motion Detected
Active
10/4/2017 2:03:47 PM
20
Motion Detection
Camera 1 (192.168.50.143)
127.0.0.1
Motion Detected
Start

Configuring IndigoVision

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

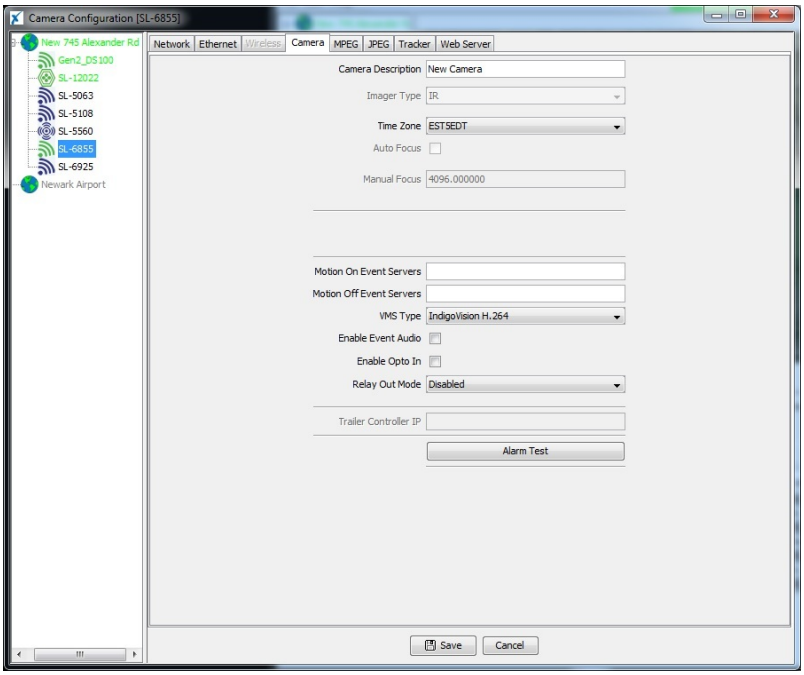
Tested with Indigo Vision 15.1
Tested with SightLogix Firmware 10.10.63 and 15.8.6
(SightSensor HD only tested with Indigo 15.1; earlier version compatibility not guaranteed)

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

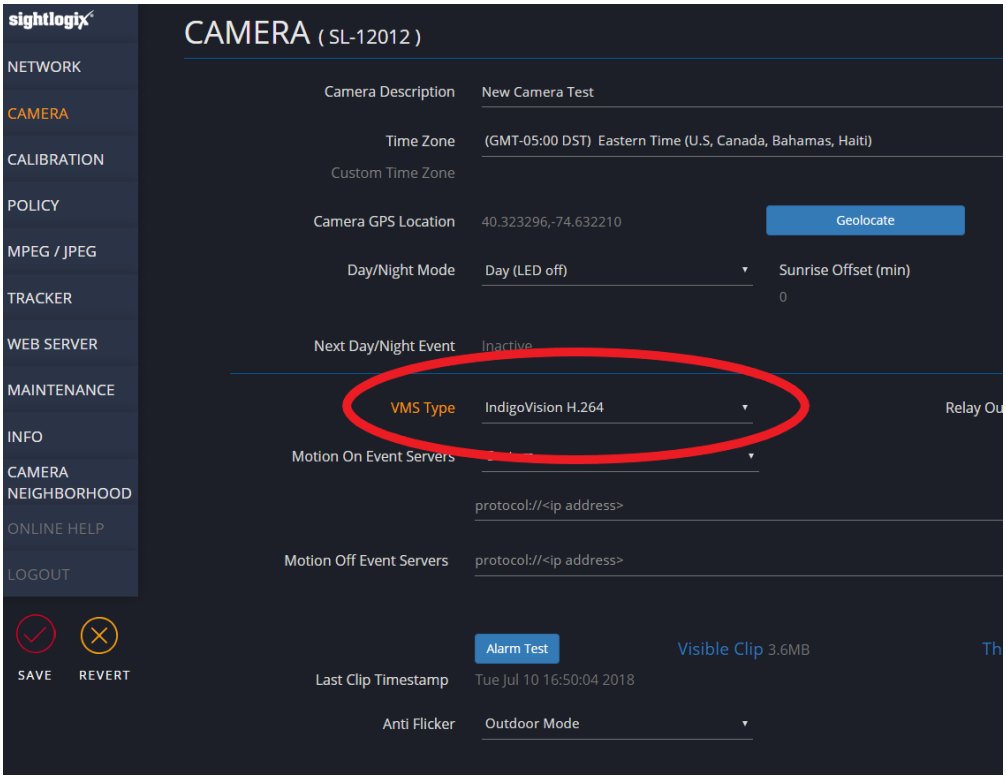
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



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.

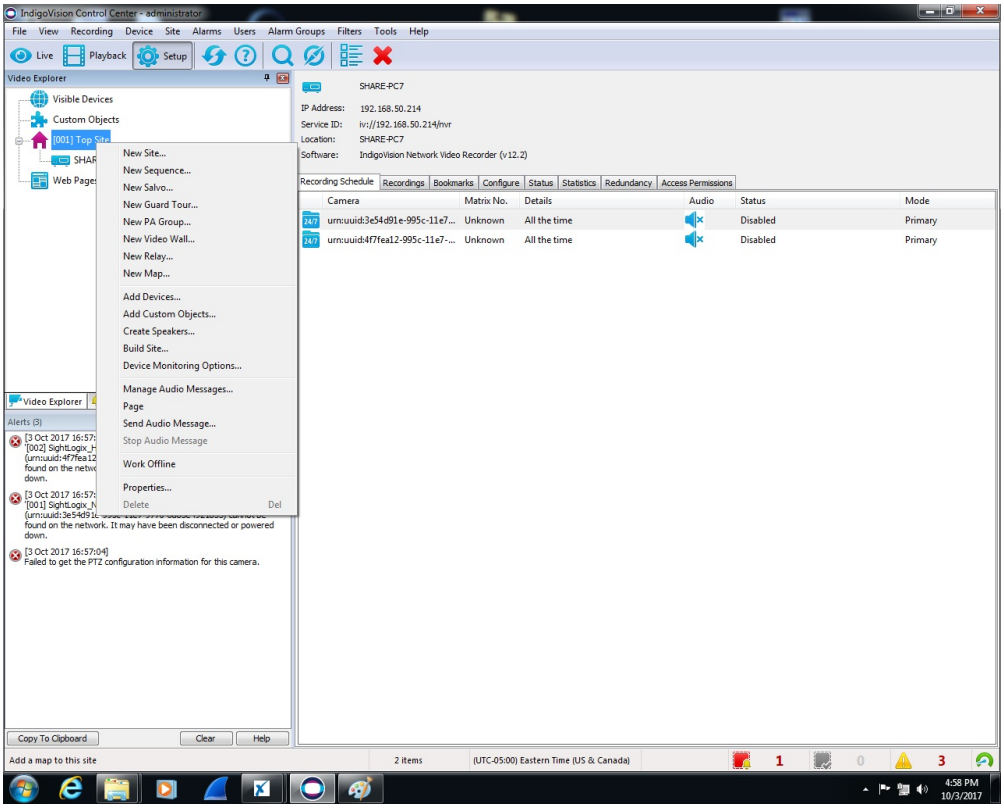


Note for SightSensor HD: To stream both profiles simultaneously, you have to clone the camera in control center to show as a second camera in the tree. To do this:

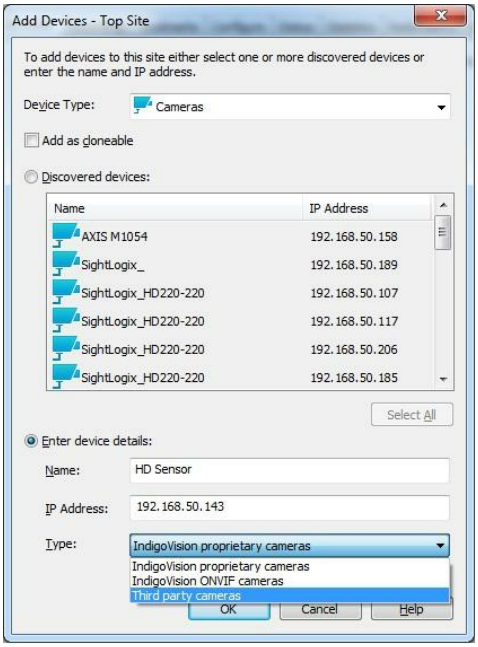
- Delete the camera from the tree first if you added it already
- Click on visible devices, find the camera, press the CTRL key while dragging and dropping the camera to the tree
- Right-click the camera and choose Clone. This creates a second copy of the camera.
- You can now right-click the cloned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



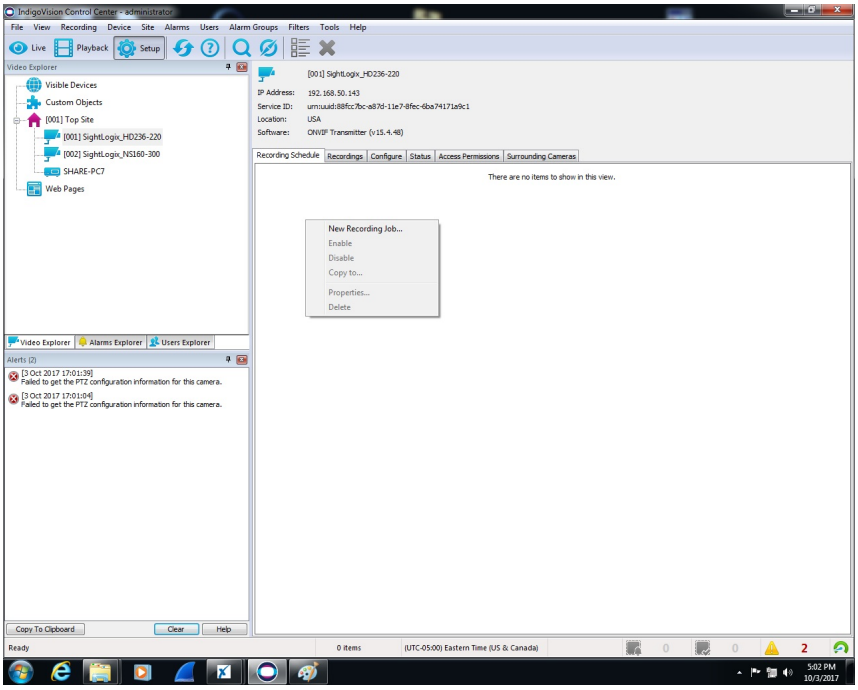
- Input the Sensor Info and select Third Party Cameras as Type.



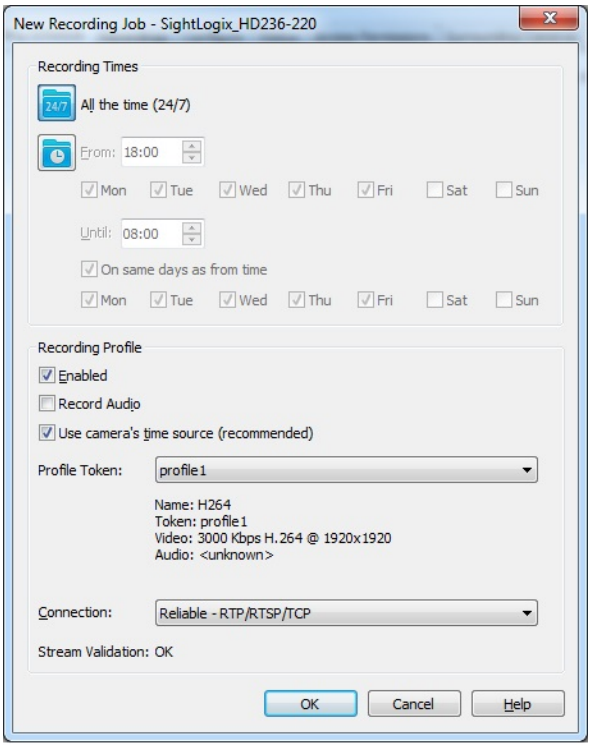
How to Enable Recording

To create a continuous recording:

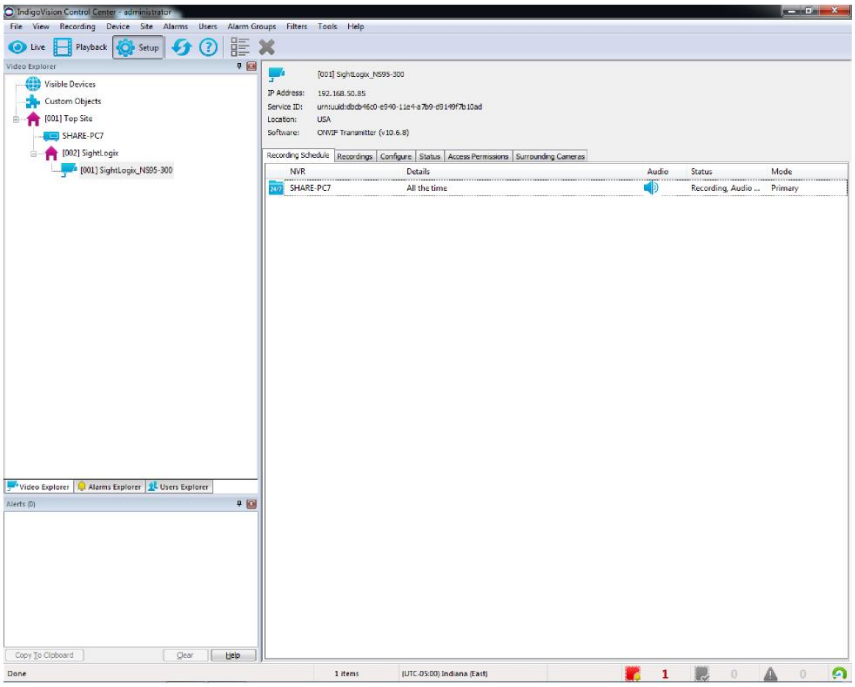
- Highlight the SightLogix device in the site explorer window
- Select the Recording Schedule tab
- Right mouse click to create a new Recording Job



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



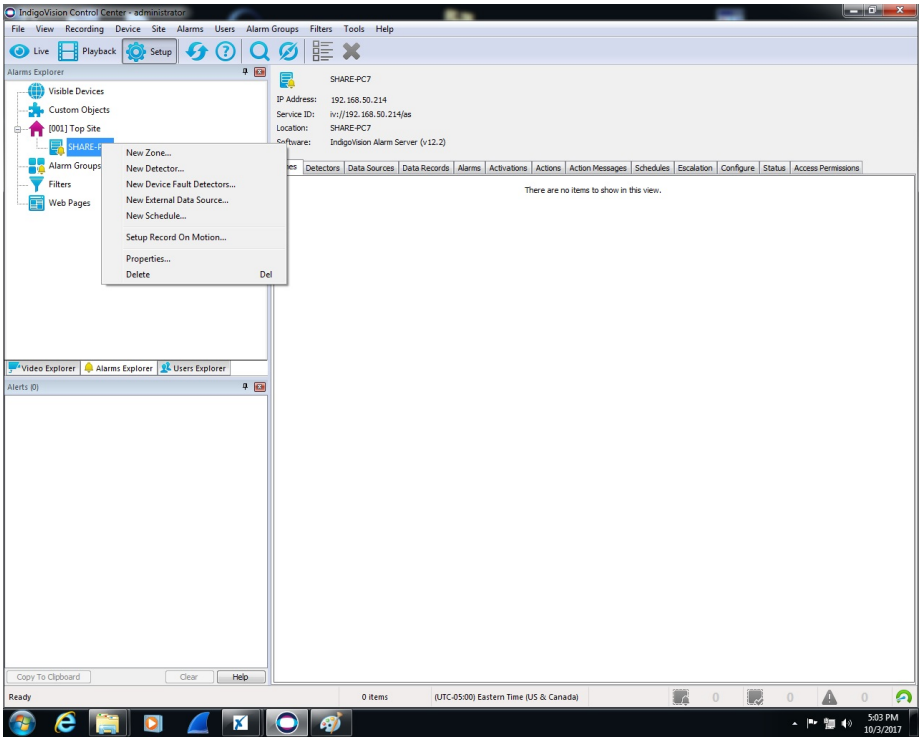
- You will see your new Recording Job, as shown.



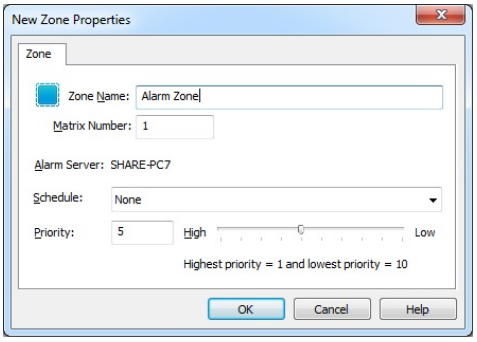
Creating a New Zone

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.



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



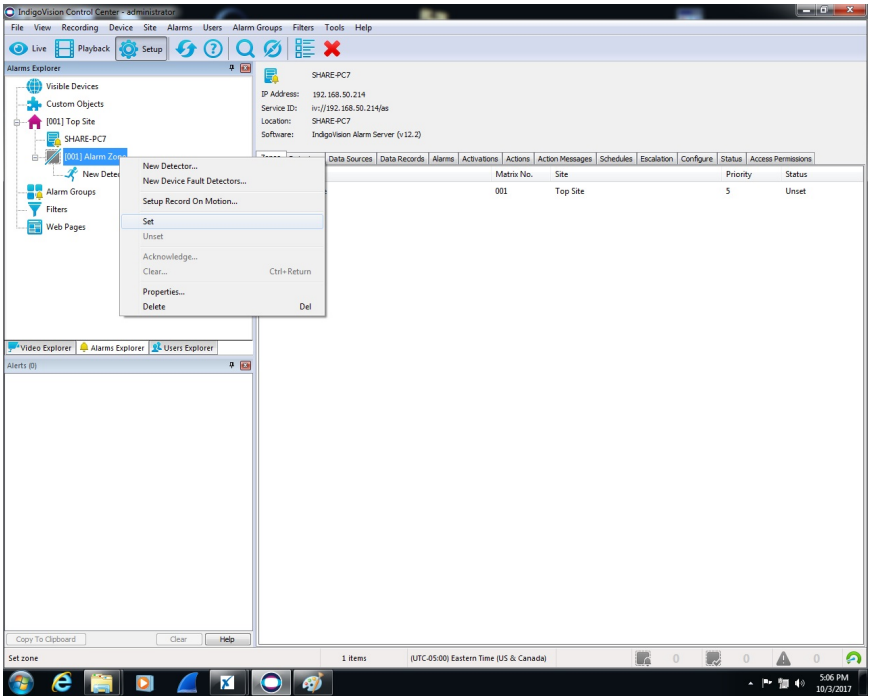
- Select the Alarm Server the zone will use.
- Select a schedule for the zone. The schedule defines when the zone will be active. If no schedules are available, you will need to create one. Please consult your Control Center manual for details on priority. The priority determines the order in which alarms 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.

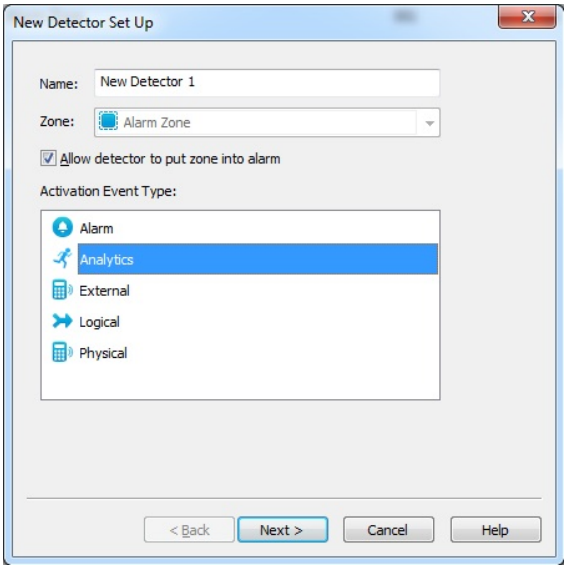
Creating a New Detector

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.

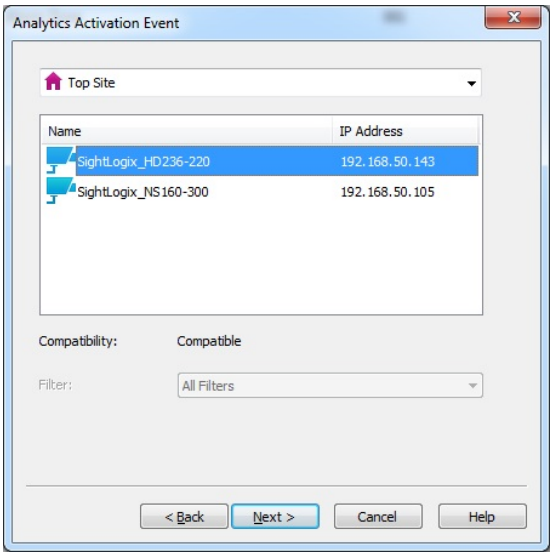
- Select the zone you want to add detectors to from the Alarms tab of the Site, right-click, and select New Detector....



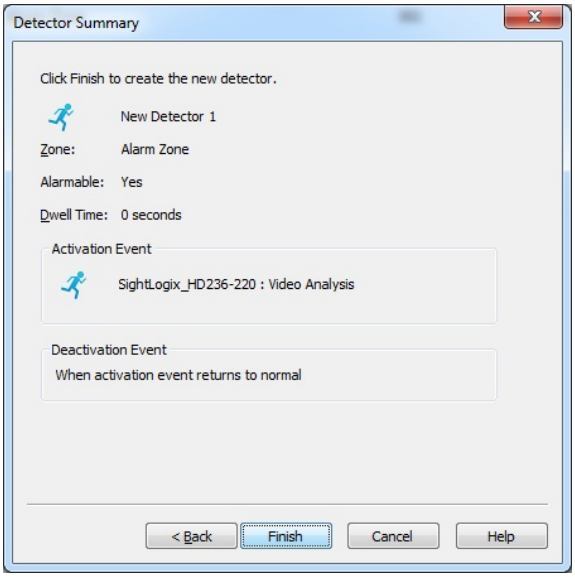
- The New Detector wizard opens.



- 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.

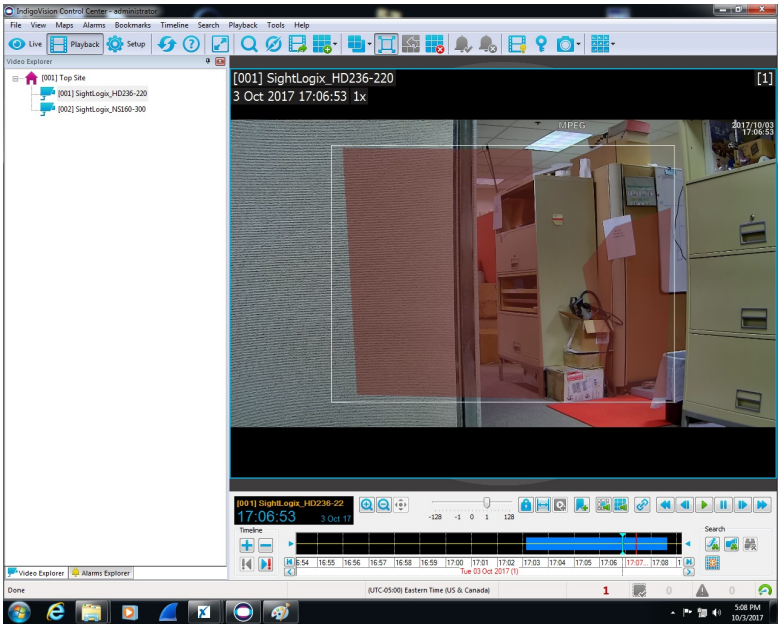


- Click Finish.

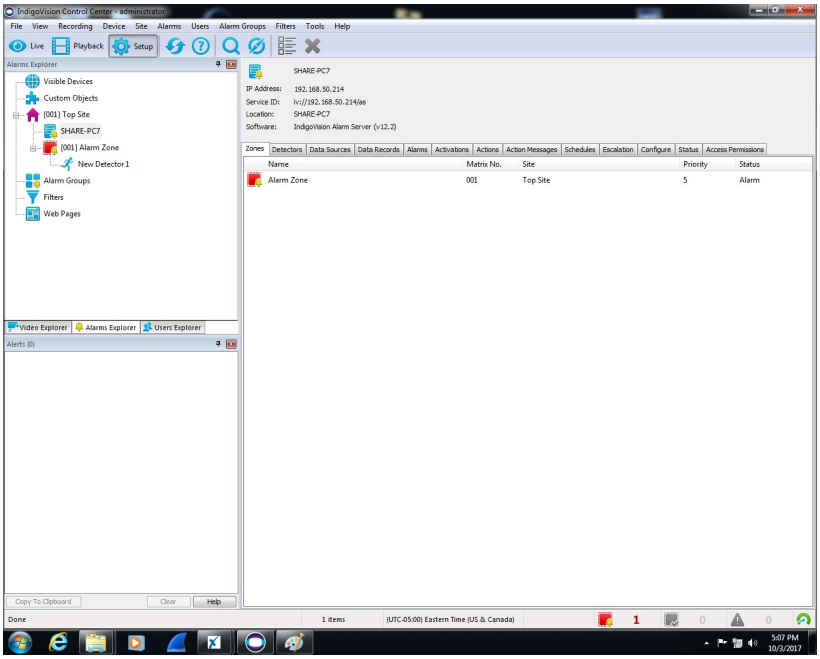


Verifying Alarms and Alerts

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.


IndigoVision Control Center - administrator
File View Recording Device Site Alarms Users Alarm Groups Filters Tools Help
Live Playback Setup
Alarms Explorer
Visible Devices
Custom Objects
[001] Top Site
SHARE-PC7
[001] Alarm Zone
New Detector 1
Alarm Groups
Filters
Web Pages
Video Explorer Alarms Explorer Users Explorer
Alerts (0)
Copy To Clipboard Clear Help
SHARE-PC7
IP Address: 192.168.50.214
Service ID: iv://192.168.50.214/as
Location: SHARE-PC7
Software: IndigoVision Alarm Server (v12.2)
Zones Detectors Data Sources Data Records Alarms Activations Actions Action Messages Schedules Escalation Configure Status Access Permissions
Name Matrix No. Site Priority Status
Alarm Zone 001 Top Site 5 Alarm
Done
1 items
(UTC-05:00) Eastern Time (US & Canada)
1 0 0
5:07 PM
10/3/2017

Configuring FLIR Latitude

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

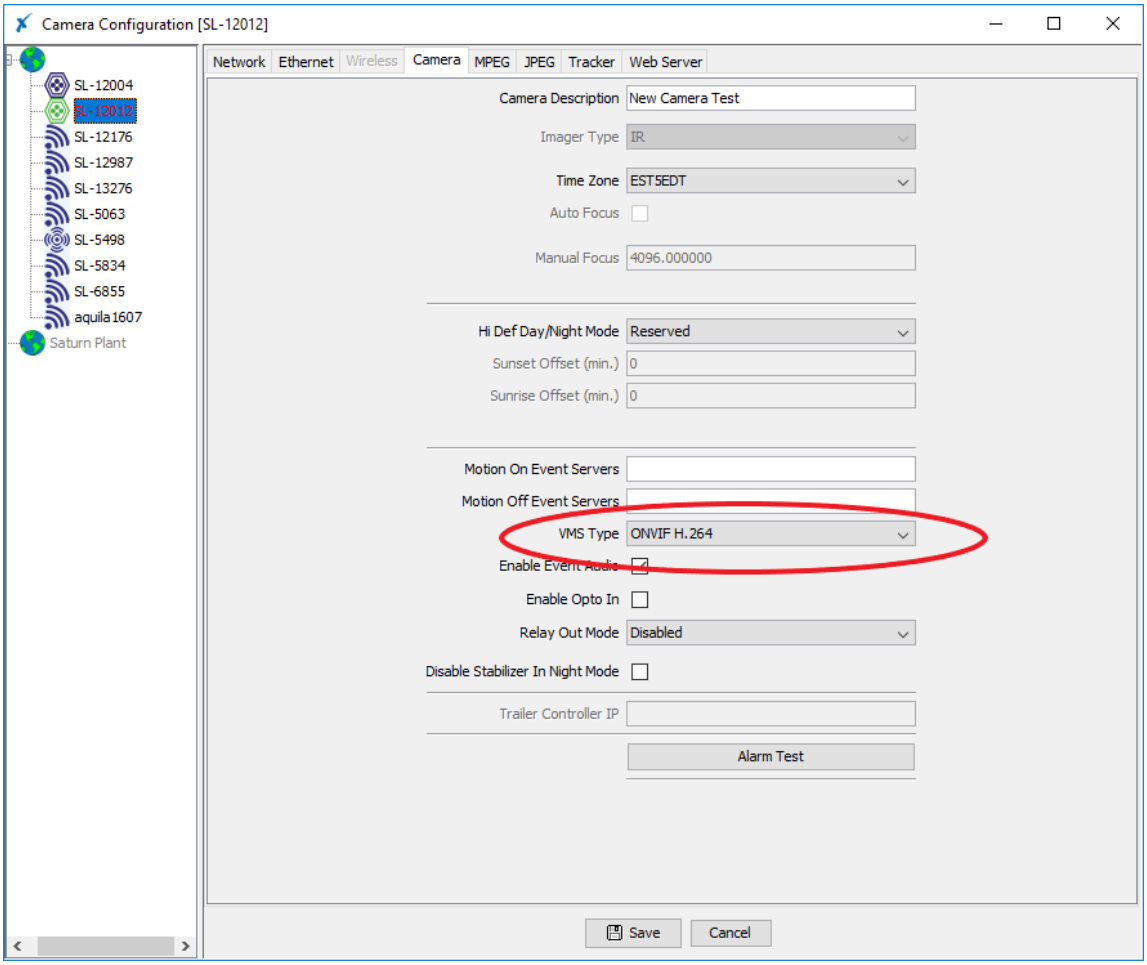
Tested with FLIR Latitude 8.0.0.6100
Tested with SightLogix Firmware 10.10.48 and 15.4.102

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

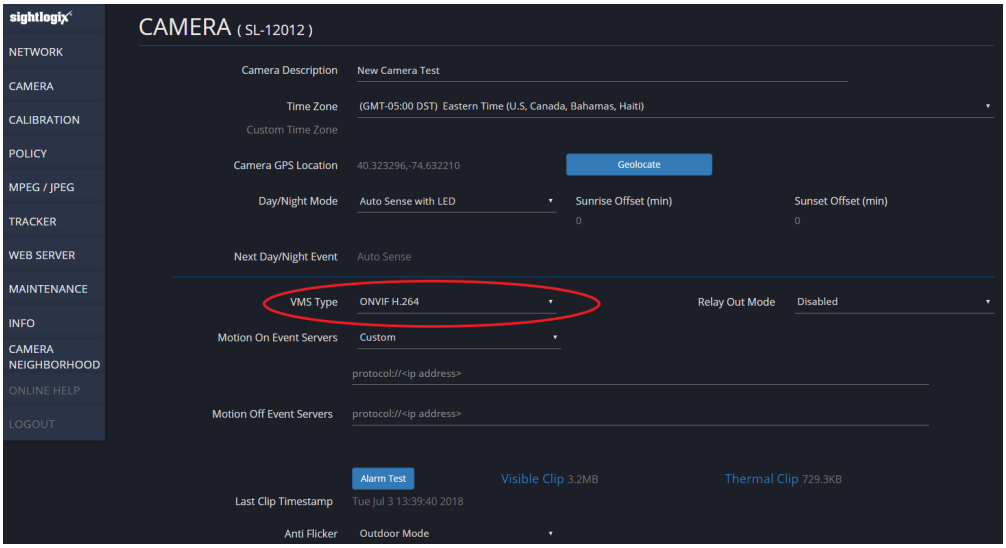
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



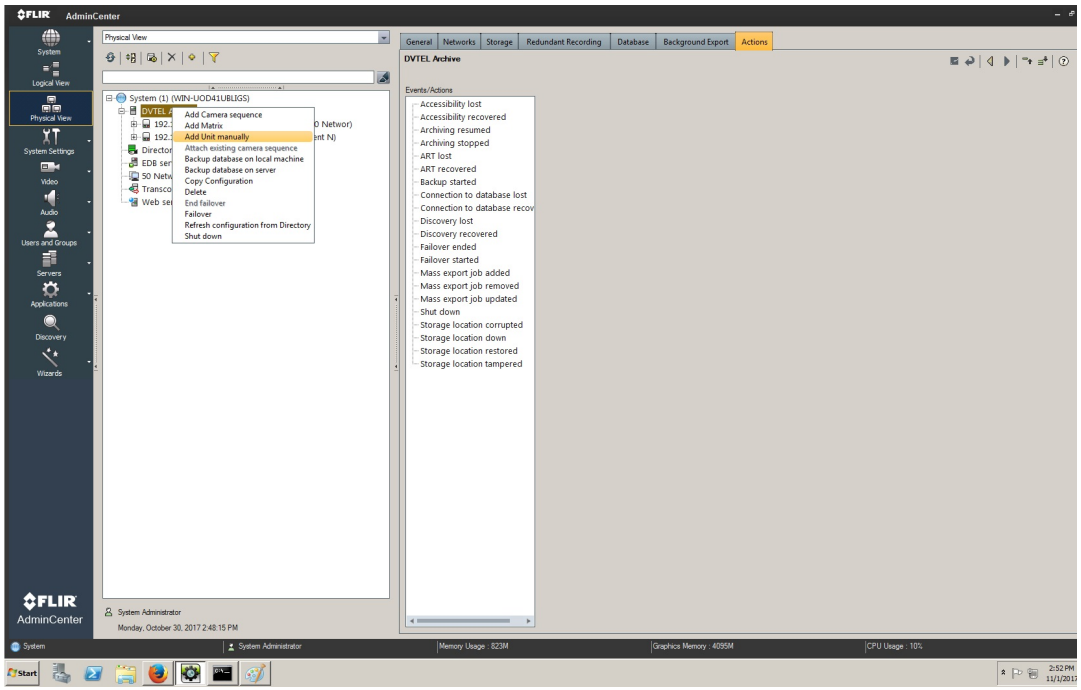
Adding Devices with WebConfig

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

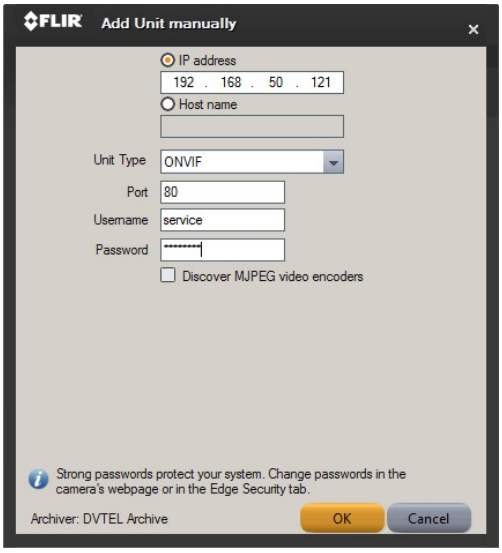


Next, add devices individually as Onvif units.

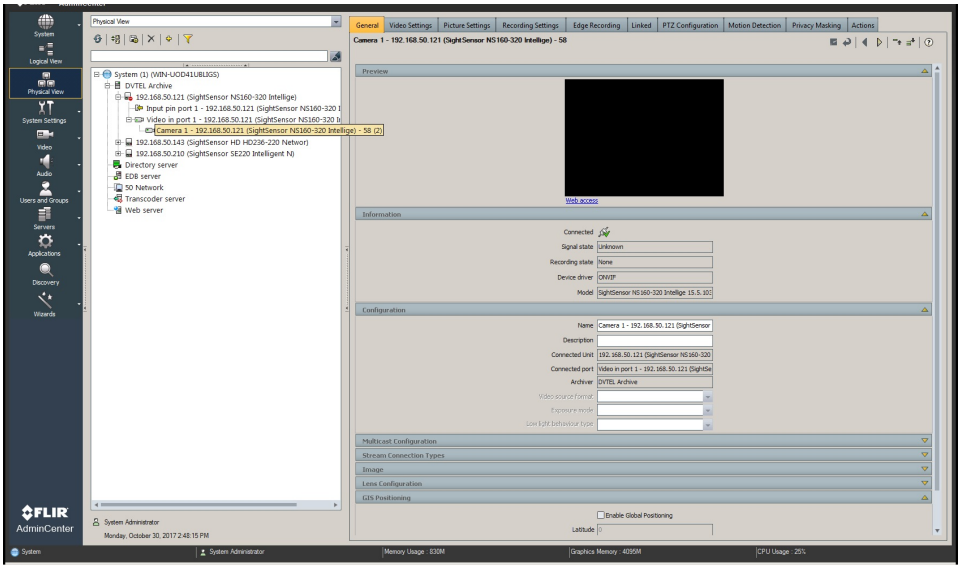
- Login to FLIR Latitude Admin Center. Select Physical View on left. Right-click on the server in the box and select Add Unit manually.



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

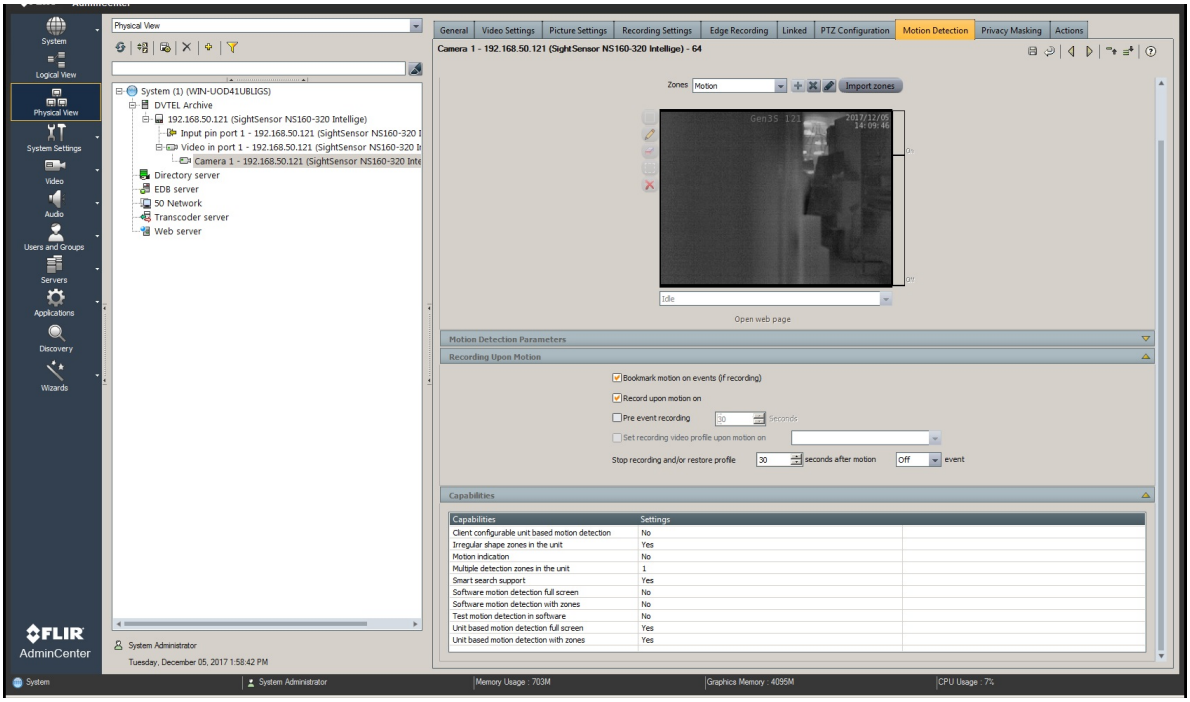


- After the camera has been added, selecting the camera will show the menu screen with multiple tabs (General, Video Settings, etc).

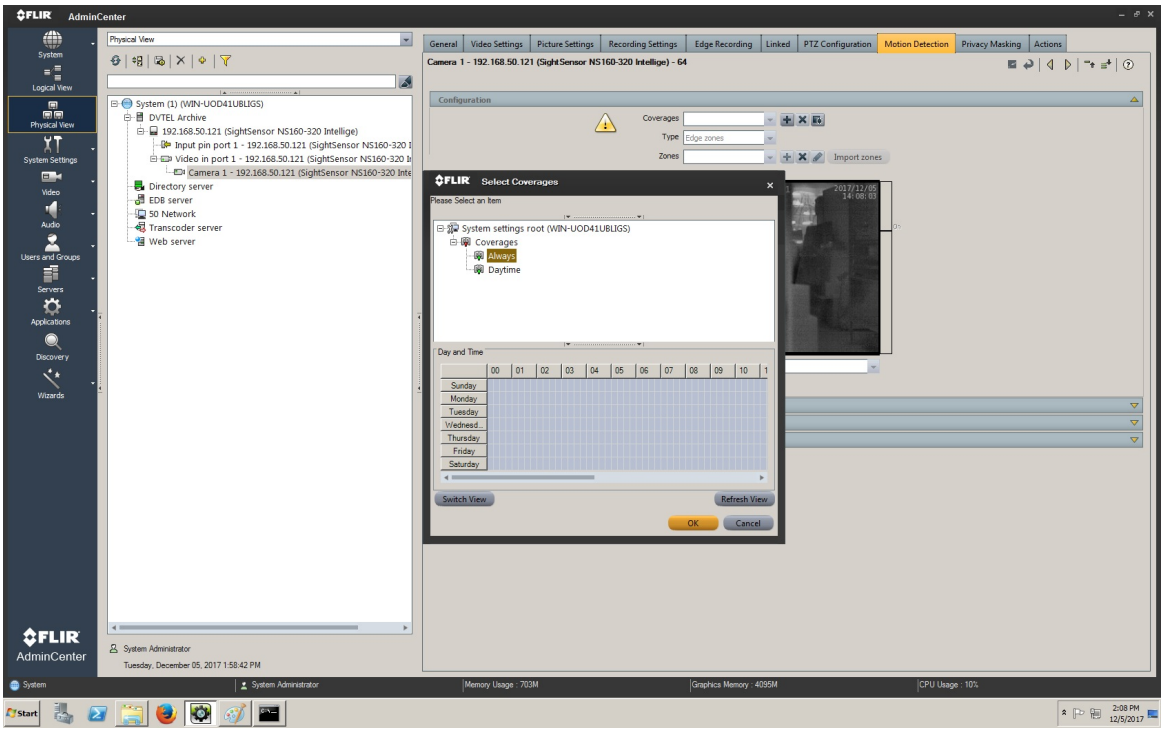


- Click Save in the upper right.

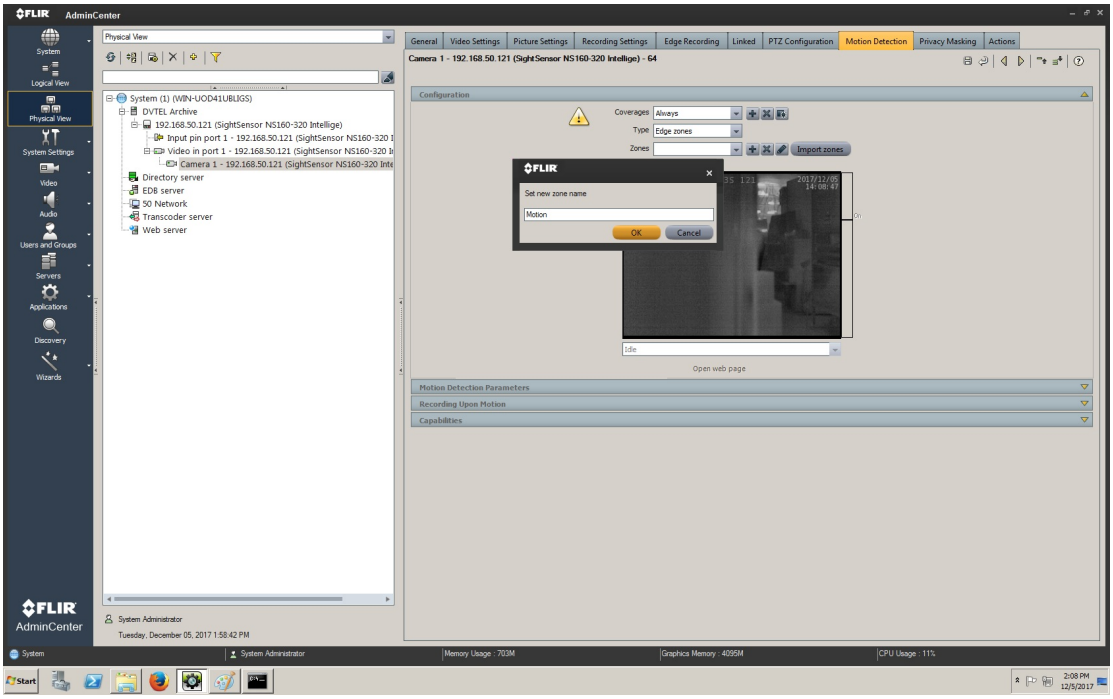
- Click the Motion Detection tab.



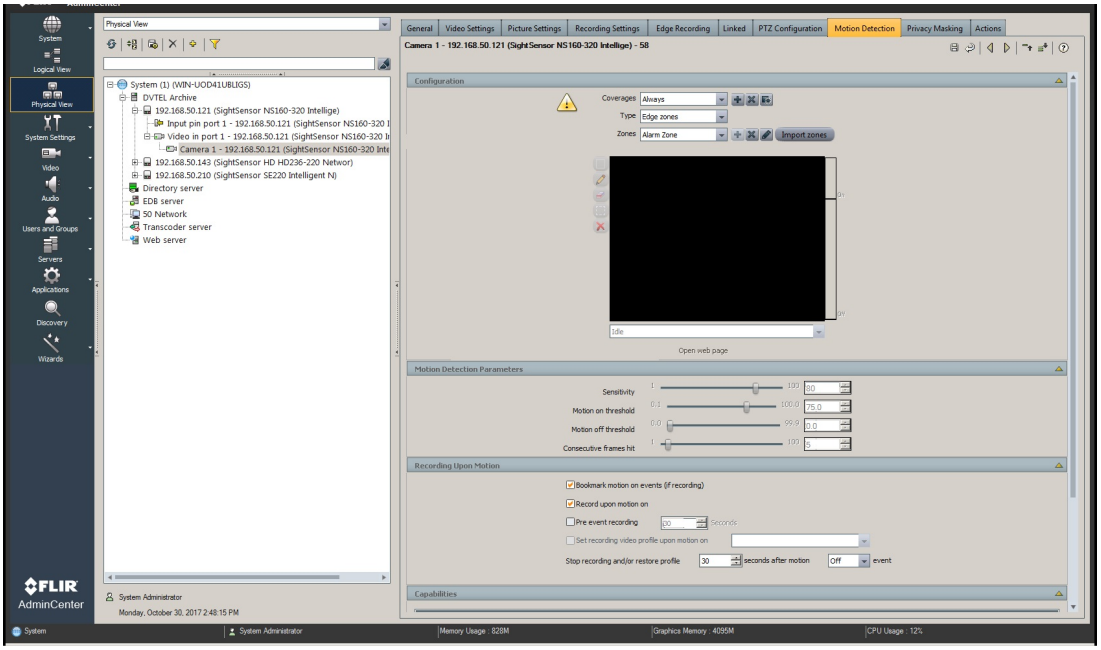
- Press + to set the Coverages to Always and click OK. Then click Save.



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

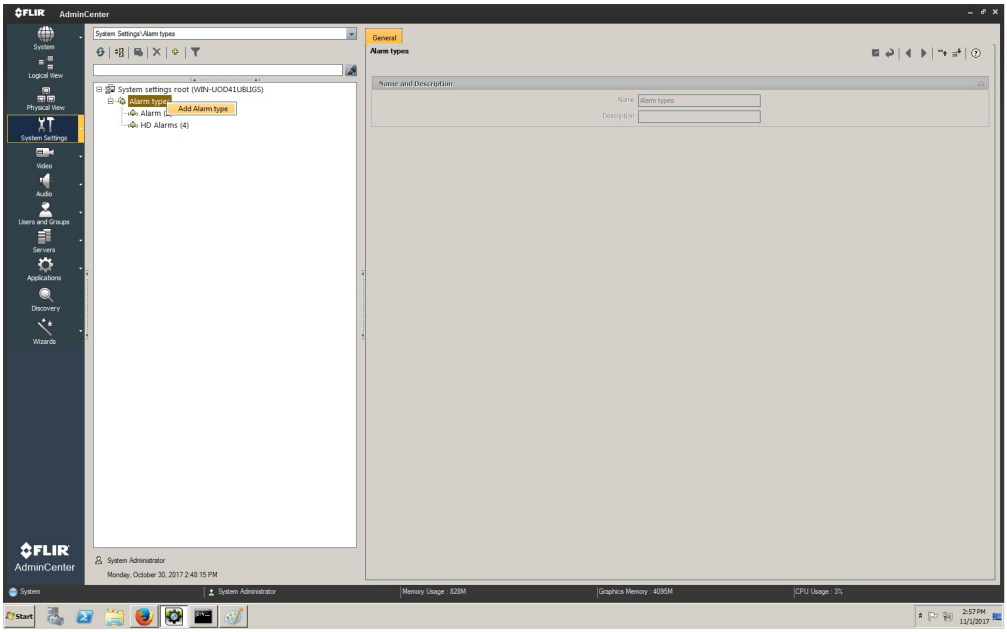


- The following window opens. Check the boxes for “Bookmark” and “Record upon motion on”. Then click Save.

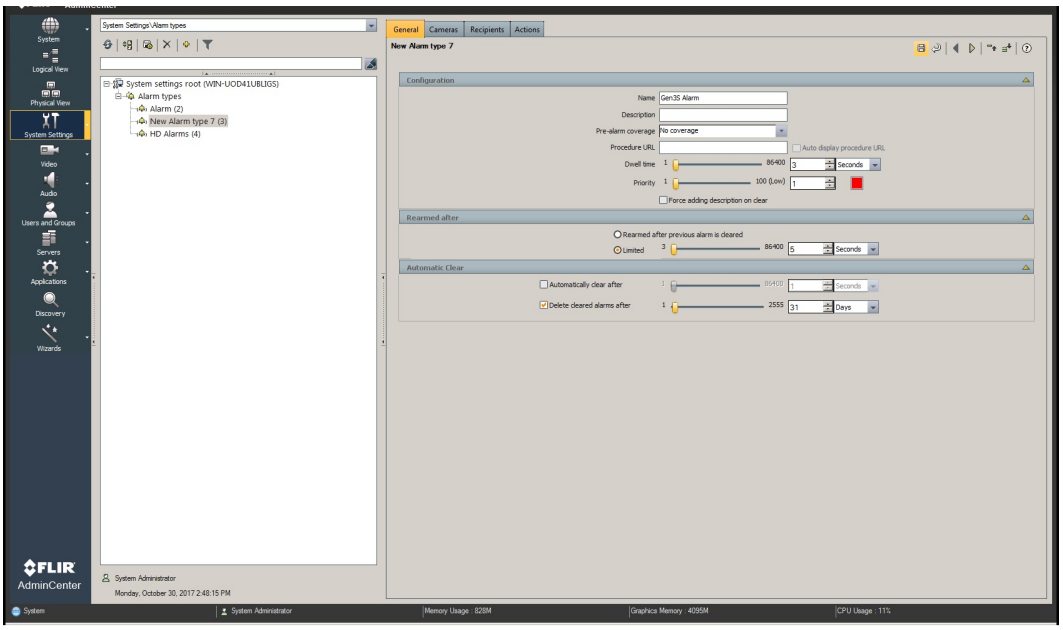


Setting Alarms

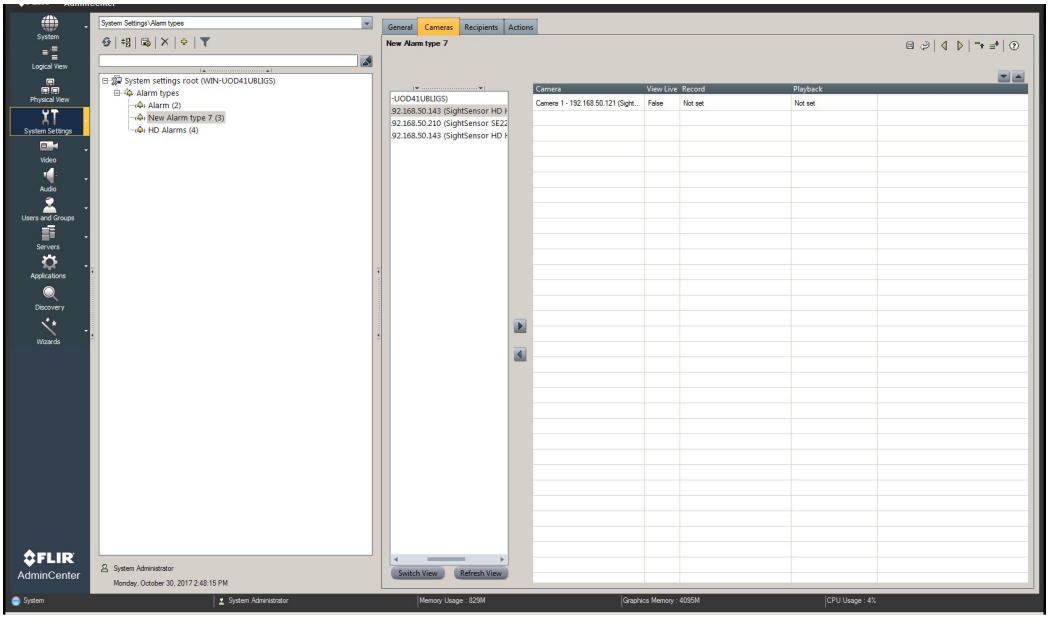
- Select System Settings from left menu to create/modify Alarm types.
- Right click on “Alarm types” and select “Add Alarm type” to create Alarm item. Input alarm type name and modify settings if needed.



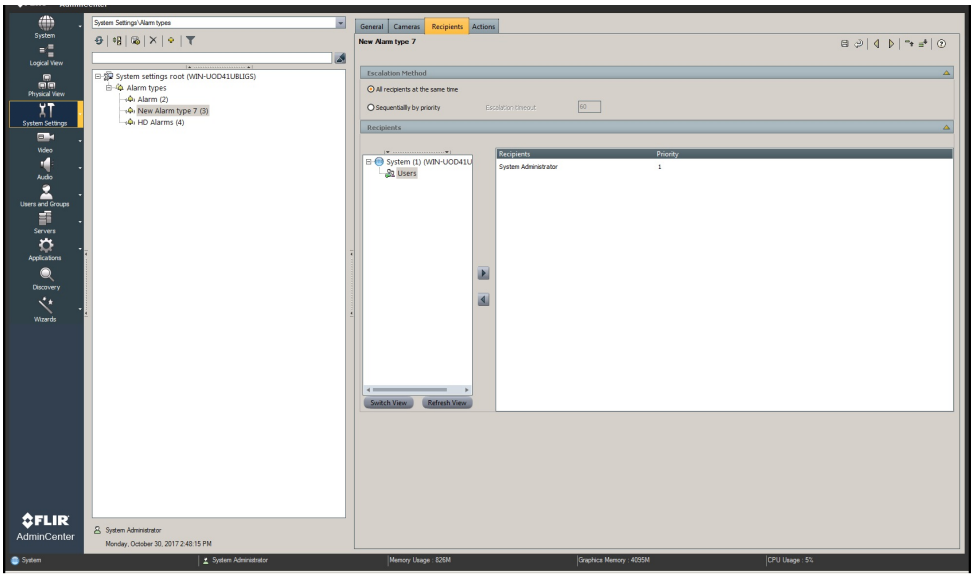
- Enter the alarm type name and modify settings if needed.



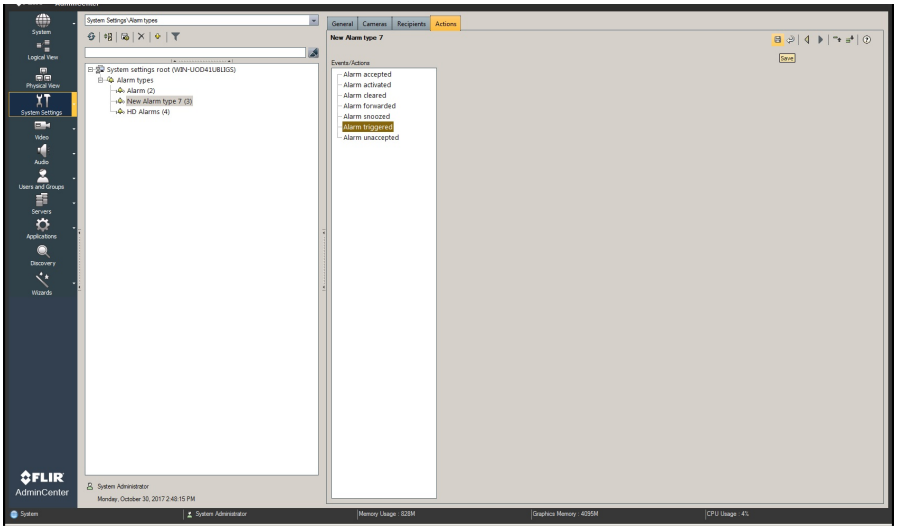
- Click the Cameras tab and select the camera to associate with this Alarm item.



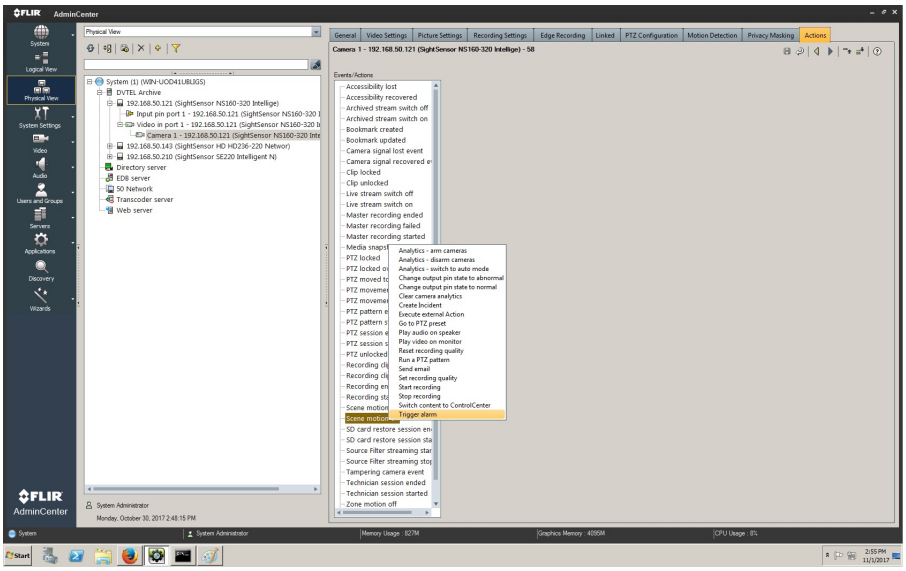
- Select the Recipients tab to assign the person/group to receive this alarm type.



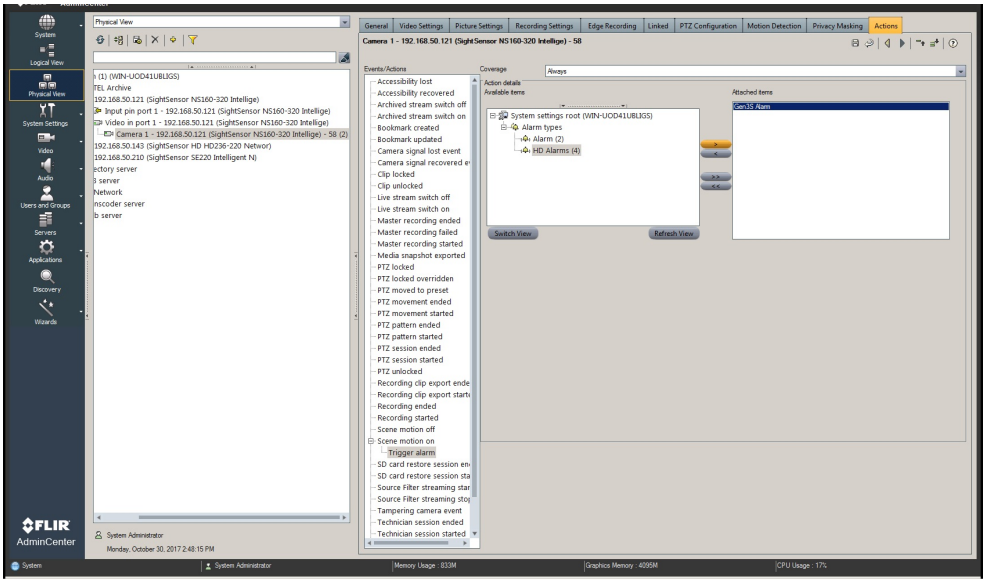
- Under the Actions tab, right-click “Alarm triggered” and select Trigger Alarm.



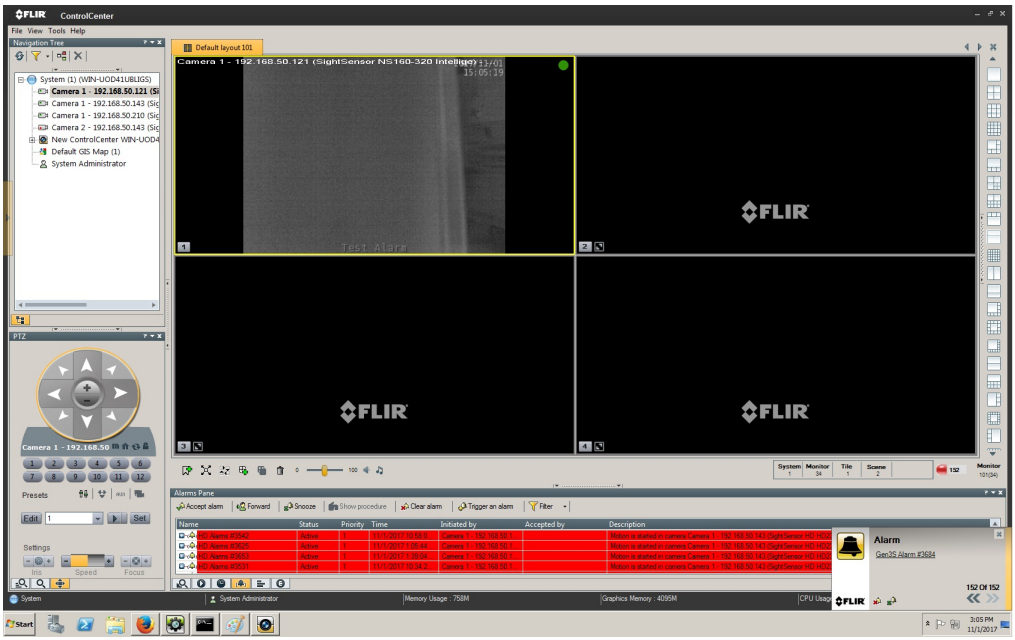
- Select Physical View on left. Click the Actions tab, select Scene motion On and click Trigger Alarm.



- In the Trigger Alarm menu select predefined Alarm type.



- 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

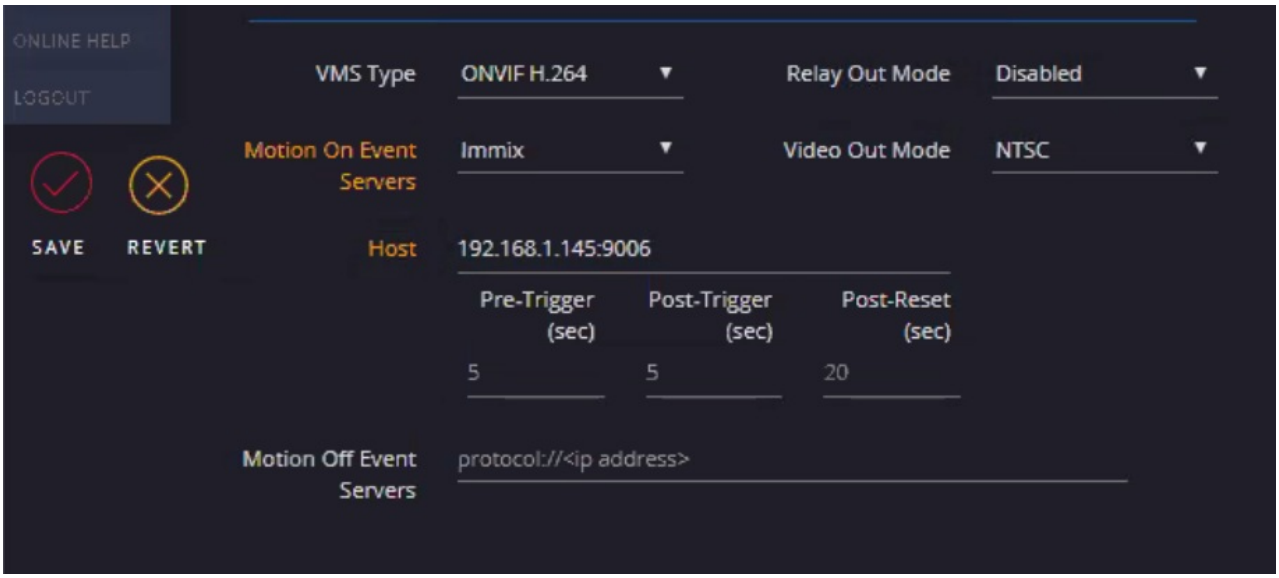
You can only test if a port is open to the internet from a PC out on a DIFFERENT network to your own (NOT one within your own LAN)

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/port-chk/) 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



- 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):
    -

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

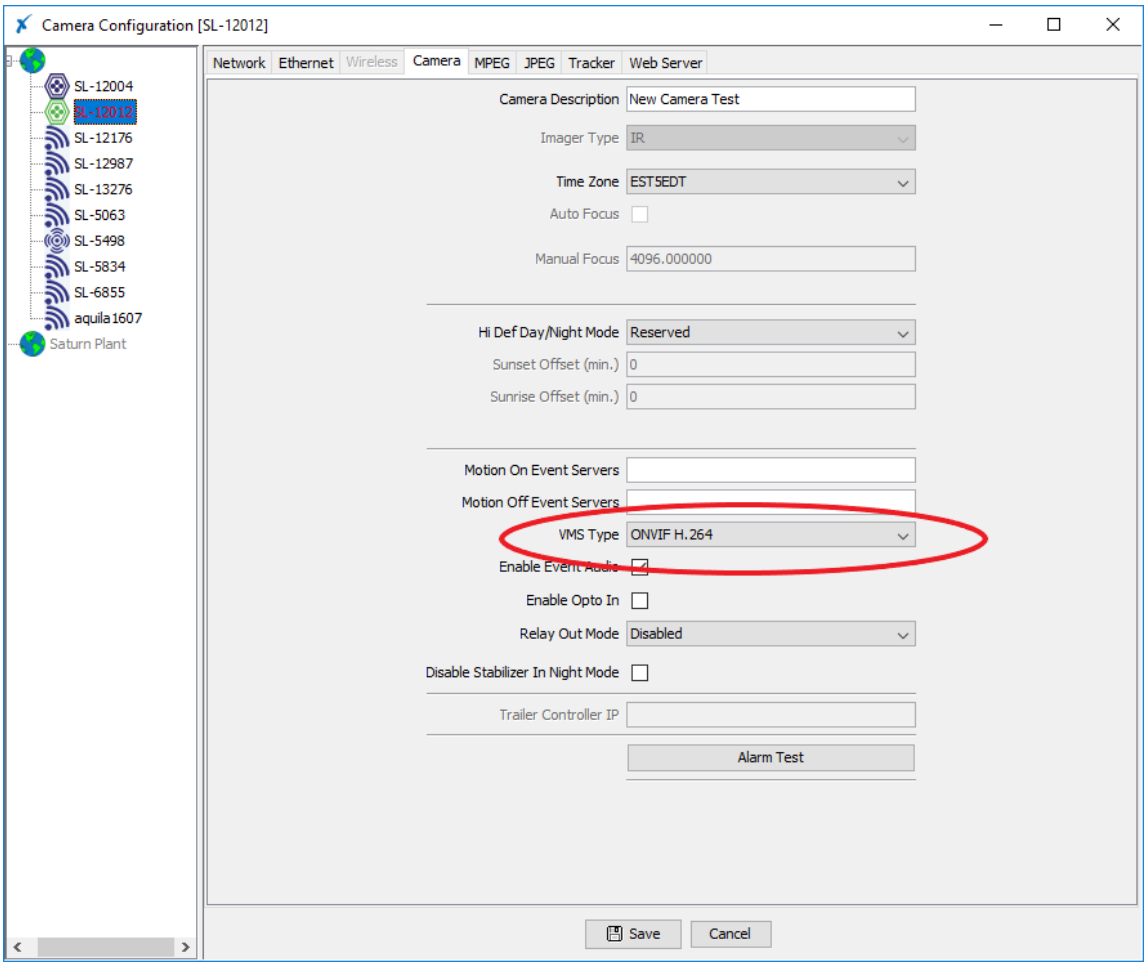
Tested with Exacq server version 21.03.10.0
Tested with Exacq client version 21.03.4.0 (x64)
Tested with SightLogix Firmware 16.2.92

- ***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).**

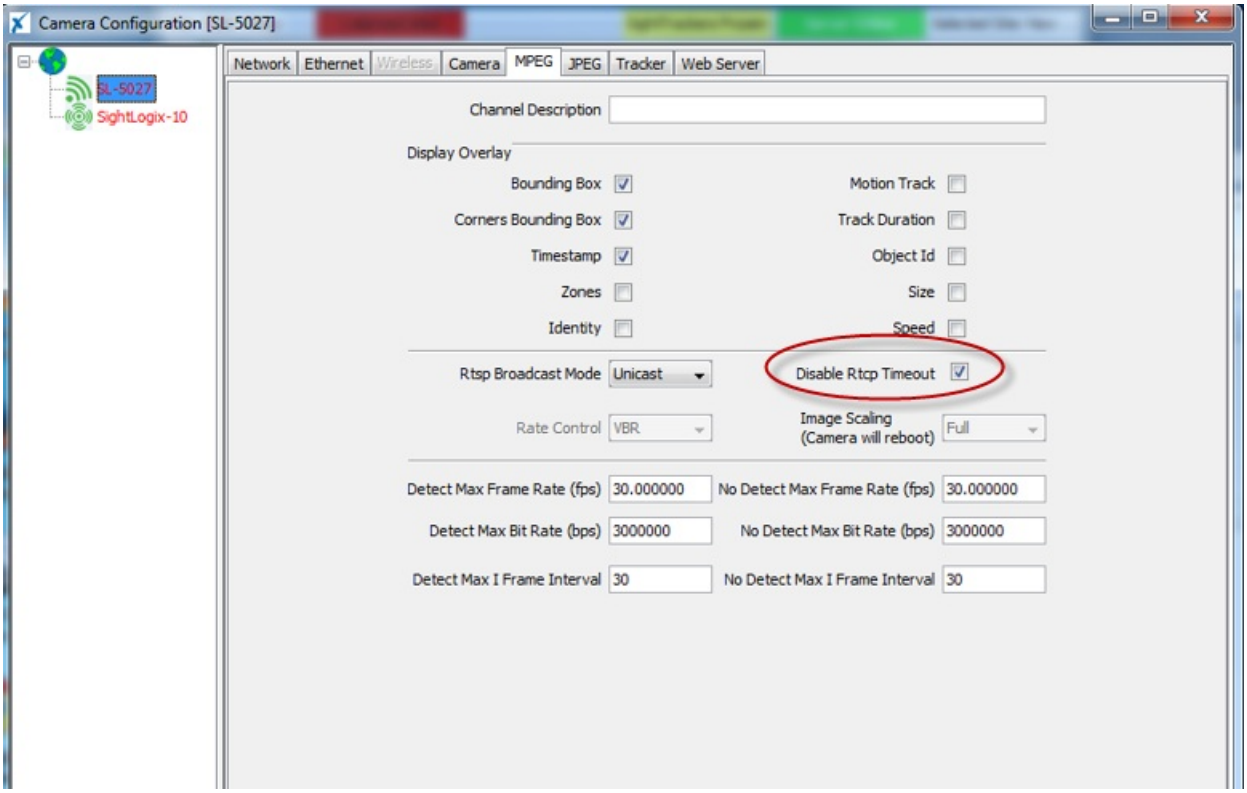
Adding Devices with SightMonitor

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.

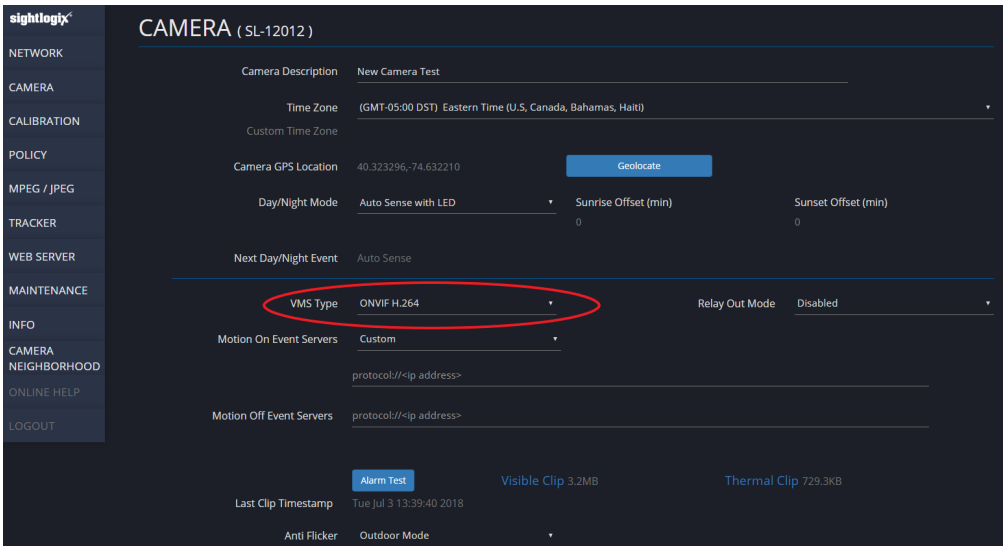


- Click the MPEG tab and check the "Disable RTCP Timeout" checkbox.

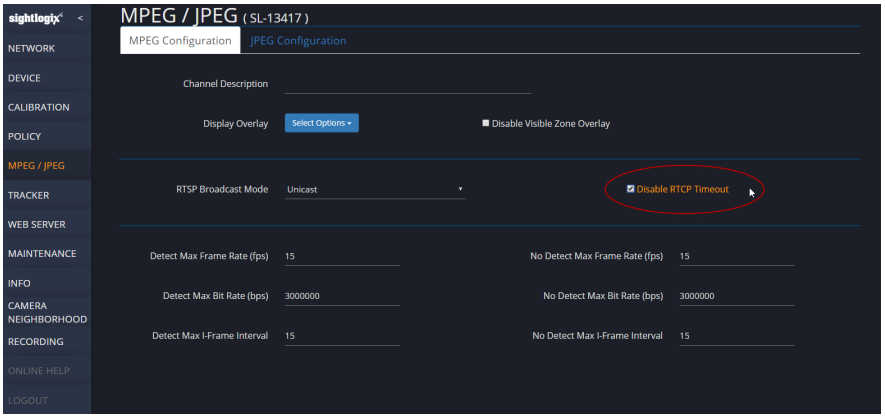


Adding Devices with WebConfig

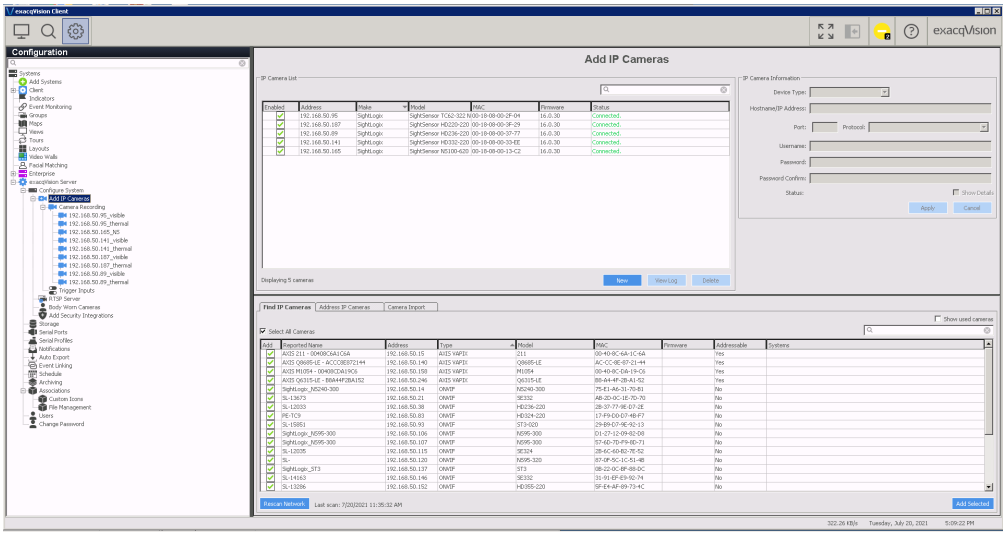
- In WebConfig, go to the Camera tab (or Device tab) and set VMS Type to either ONVIF H.264 (preferred) or ONVIF MPEG4.



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



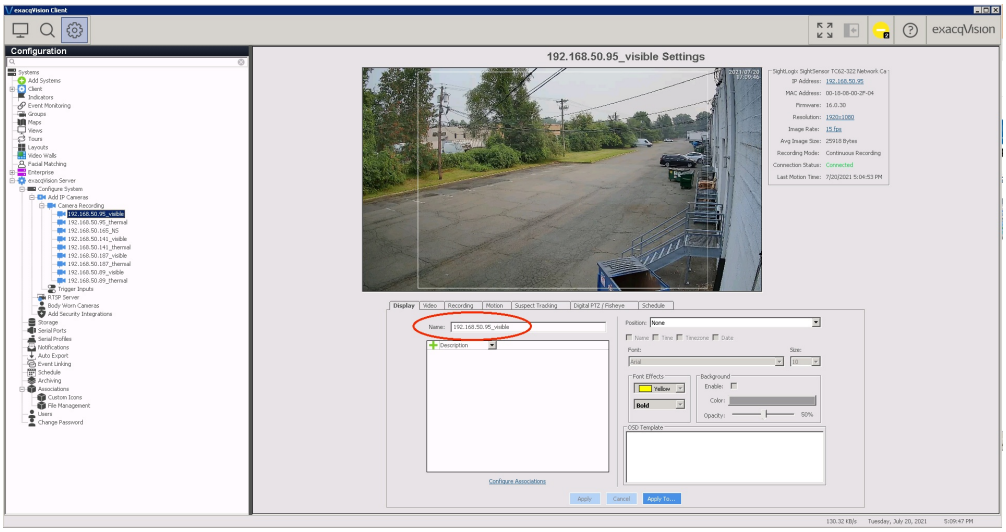
Adding Cameras



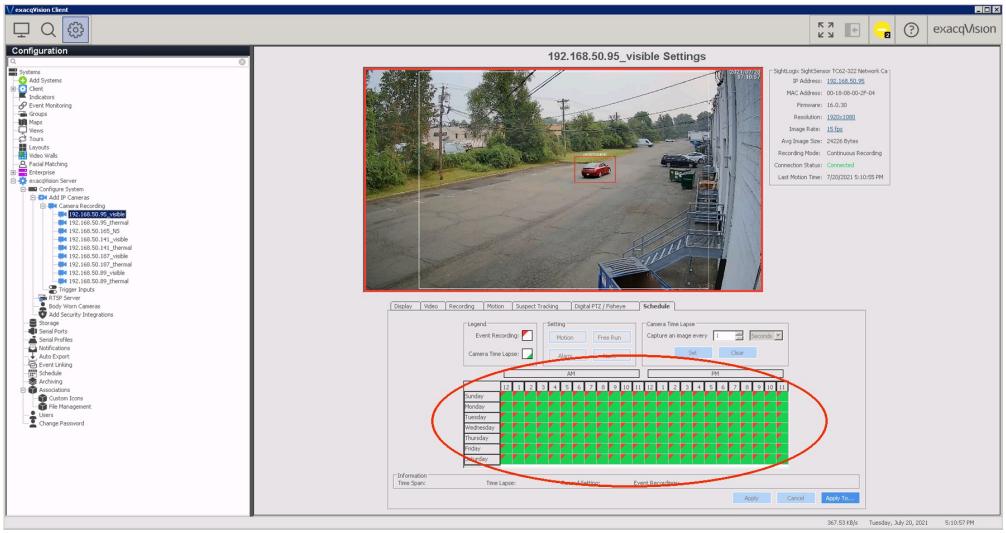
- On the Tree view, click on ‘Add IP Camera’.
- Click New.
- Device Type: ONVIF
- IP: Your IP address
- Username: service
- Password: test1234
- Click Apply

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.



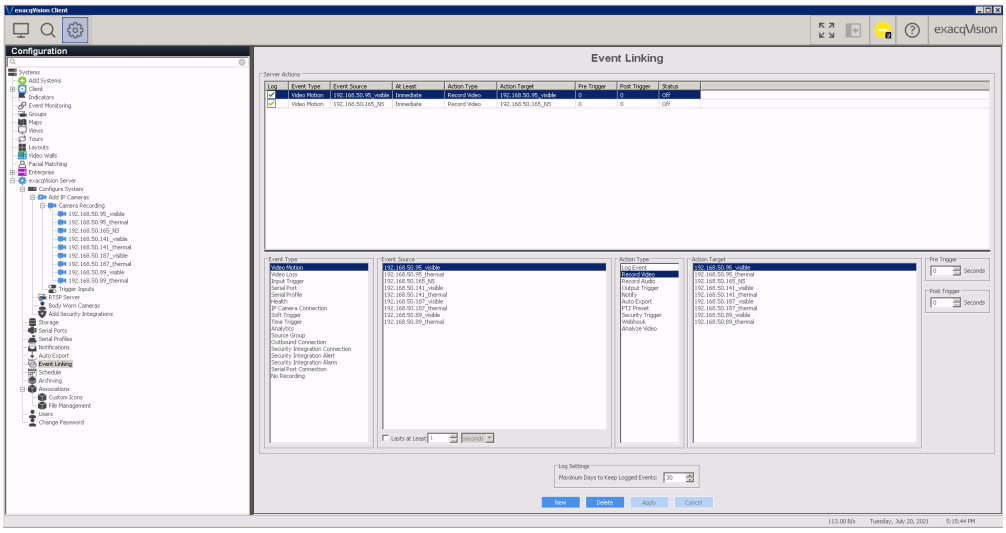
- In the schedule tab, highlight all the boxes and set them to green (Free Run) - this enables continuous recording for playback.



- Click apply after each change.

Set Up Event Linking

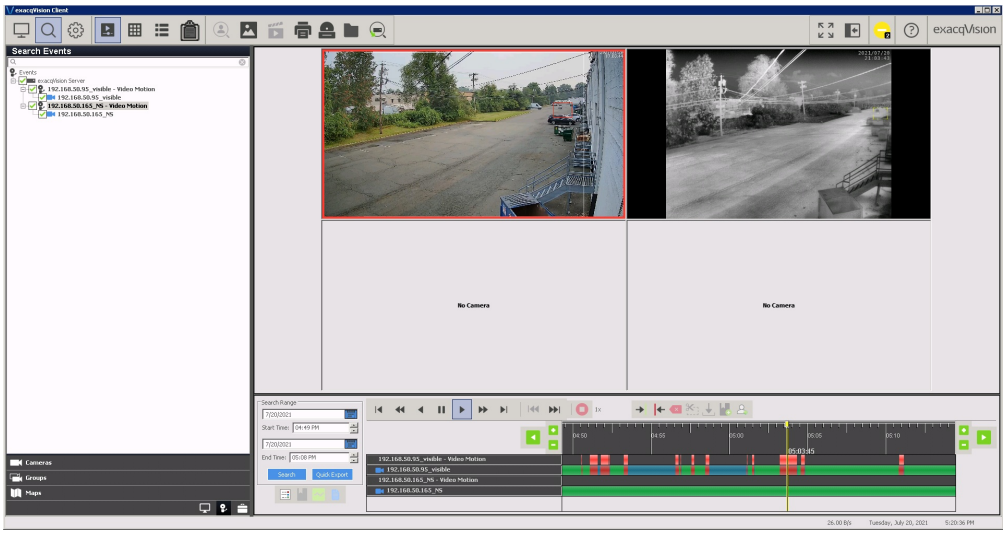
- In the Tree view, click “Event Linking” and "New".



- 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

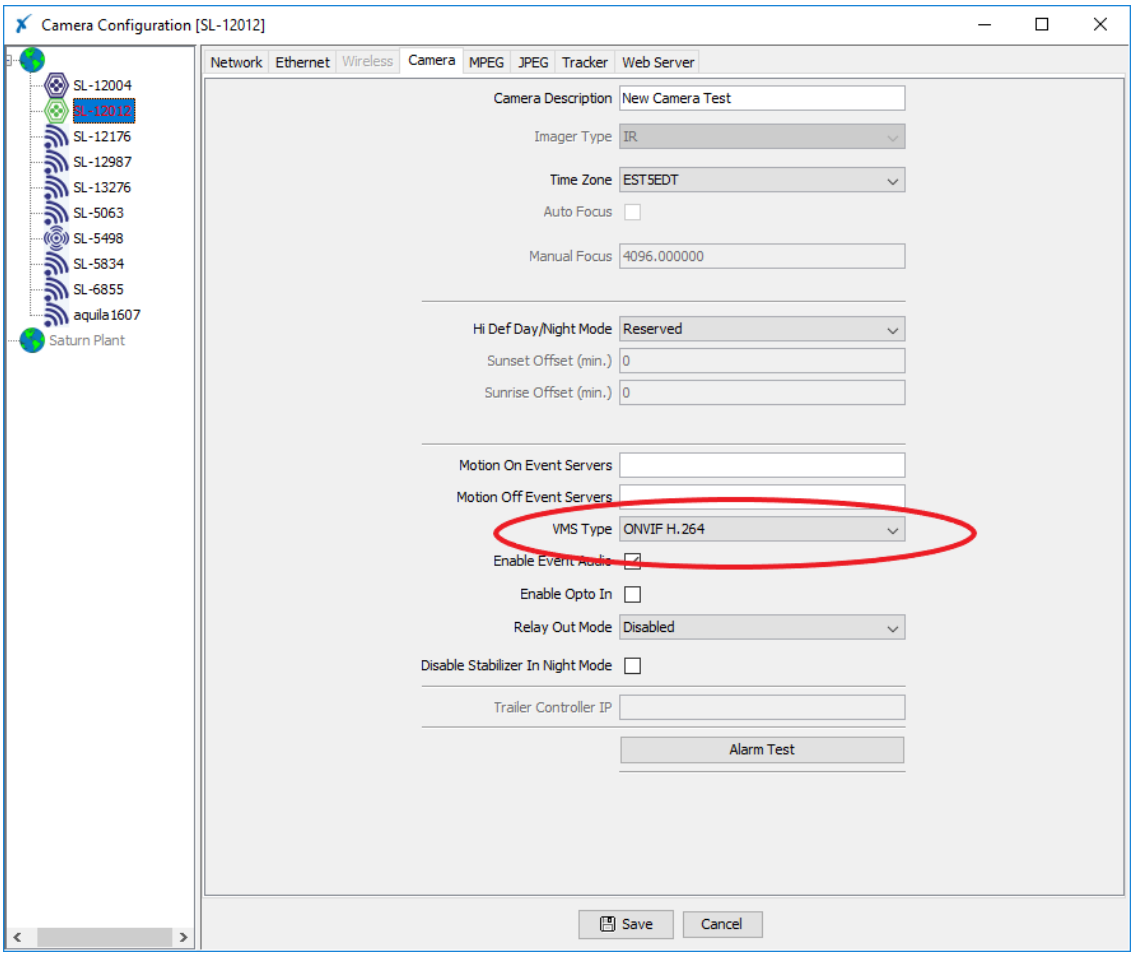
Tested with Avigilon Control Center 7.2.0.18
Tested with SightLogix Firmware 15.12.7

Add SightLogix Devices as an ONVIF Device

Adding Devices with SightMonitor

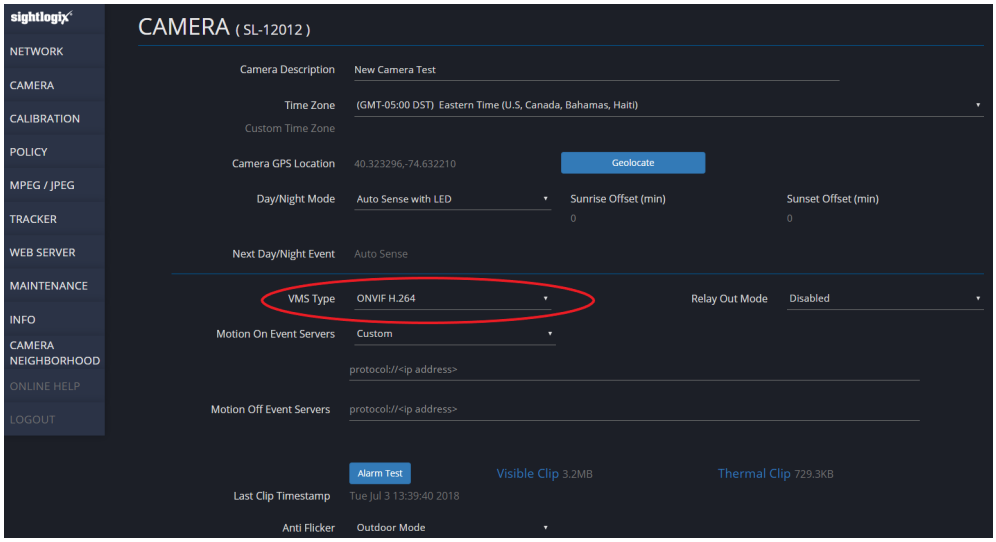
If you are using SightMonitor, follow these steps. If you are using WebConfig, scroll to the next section

- 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.



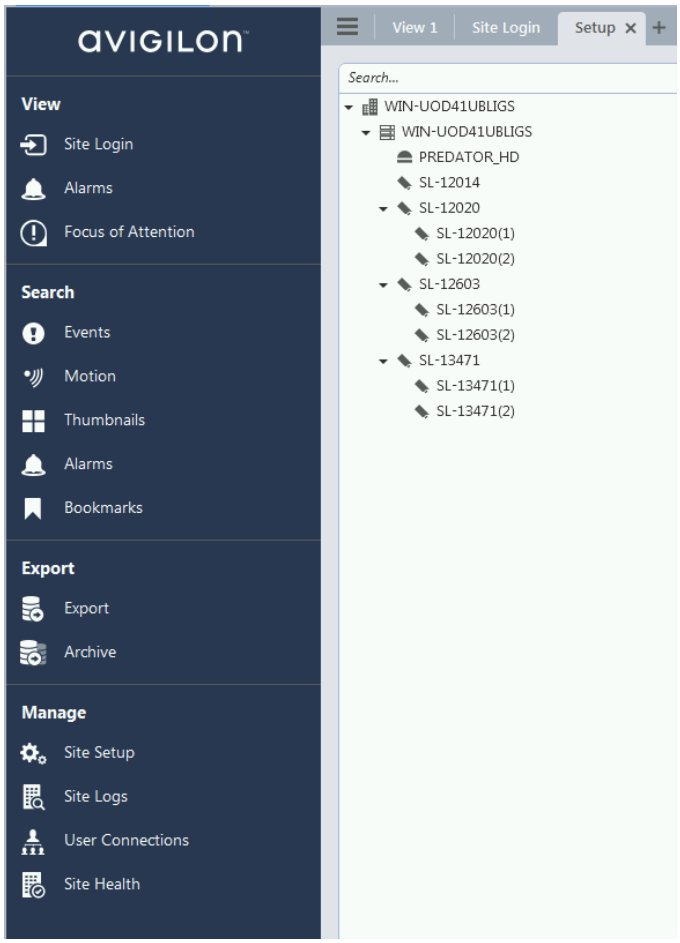
Adding Devices with WebConfig

- 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.

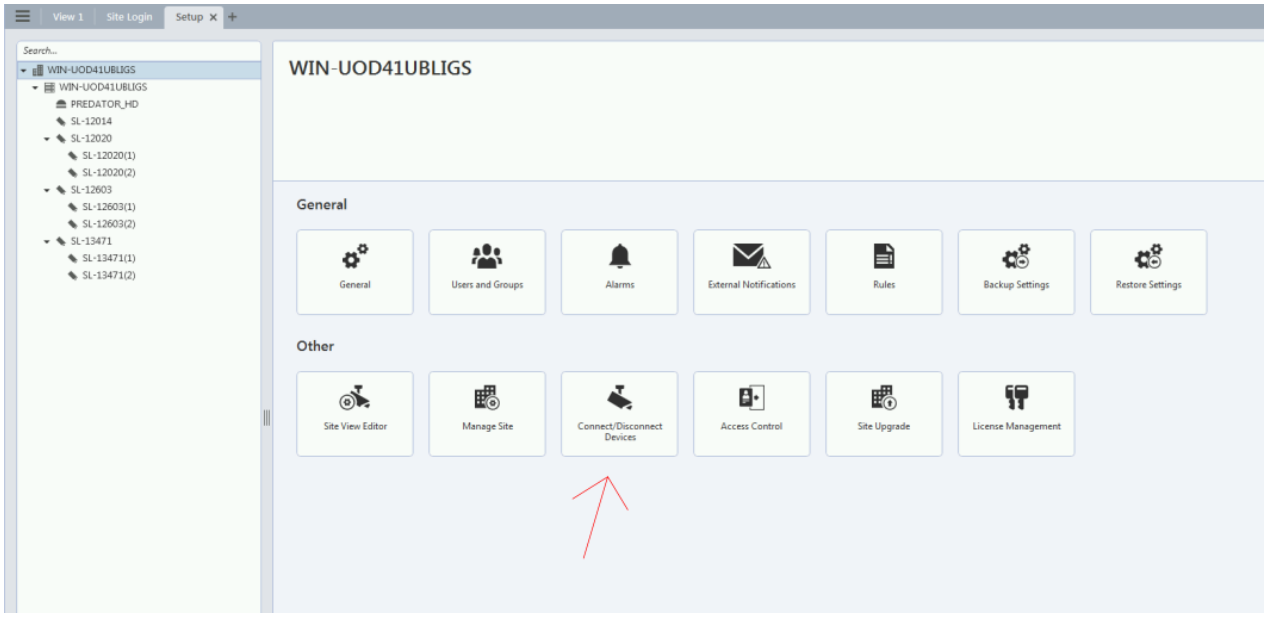


Next, add devices individually as hardware units.

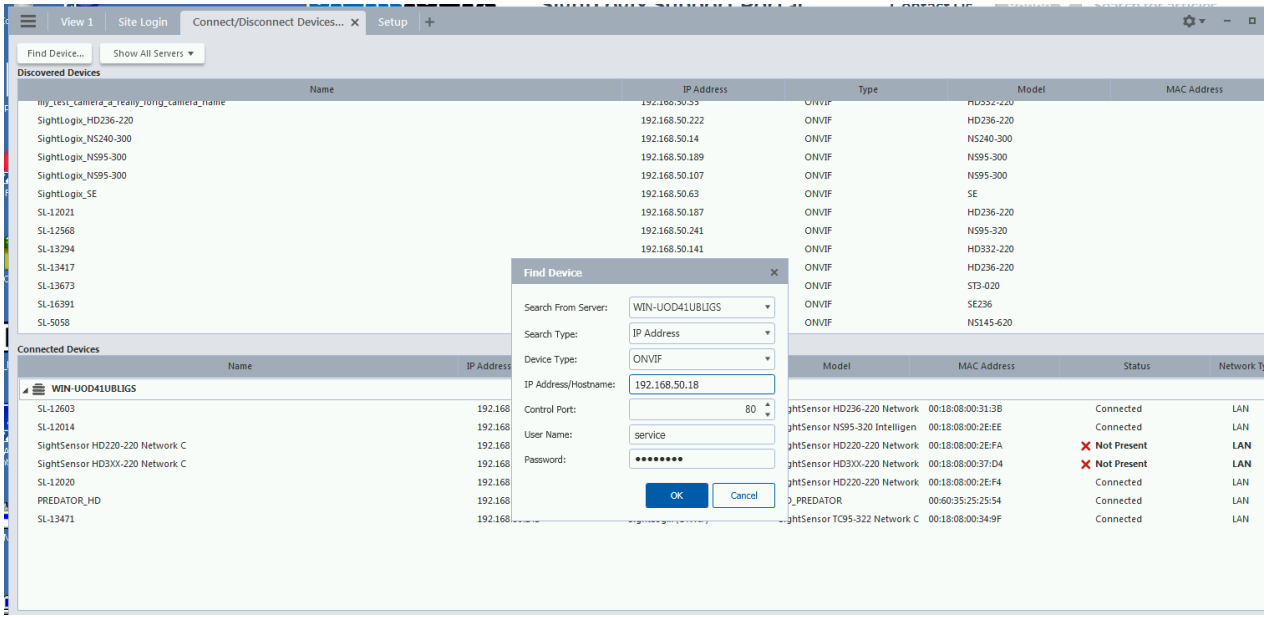
- Log into Avigilon Control Center, click the upper left menu icon (three bars) and select Site Setup from Manage section in the left-side navigation.



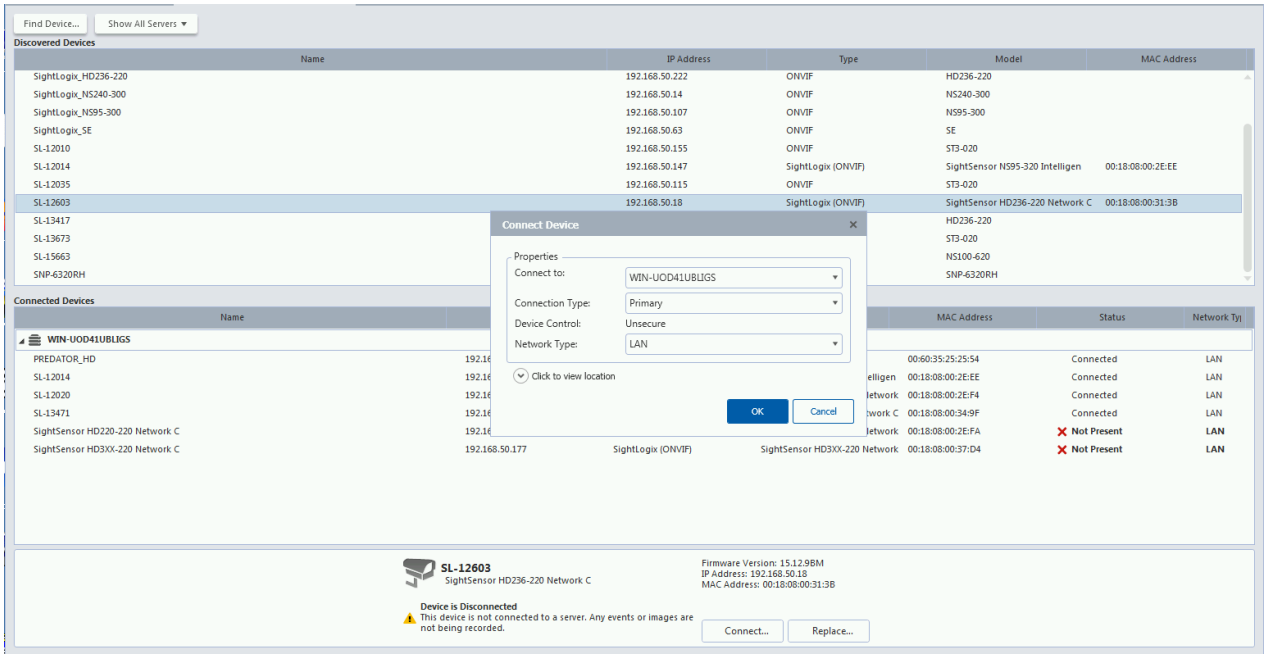
- Select your site and click Connect/Disconnect Devices.



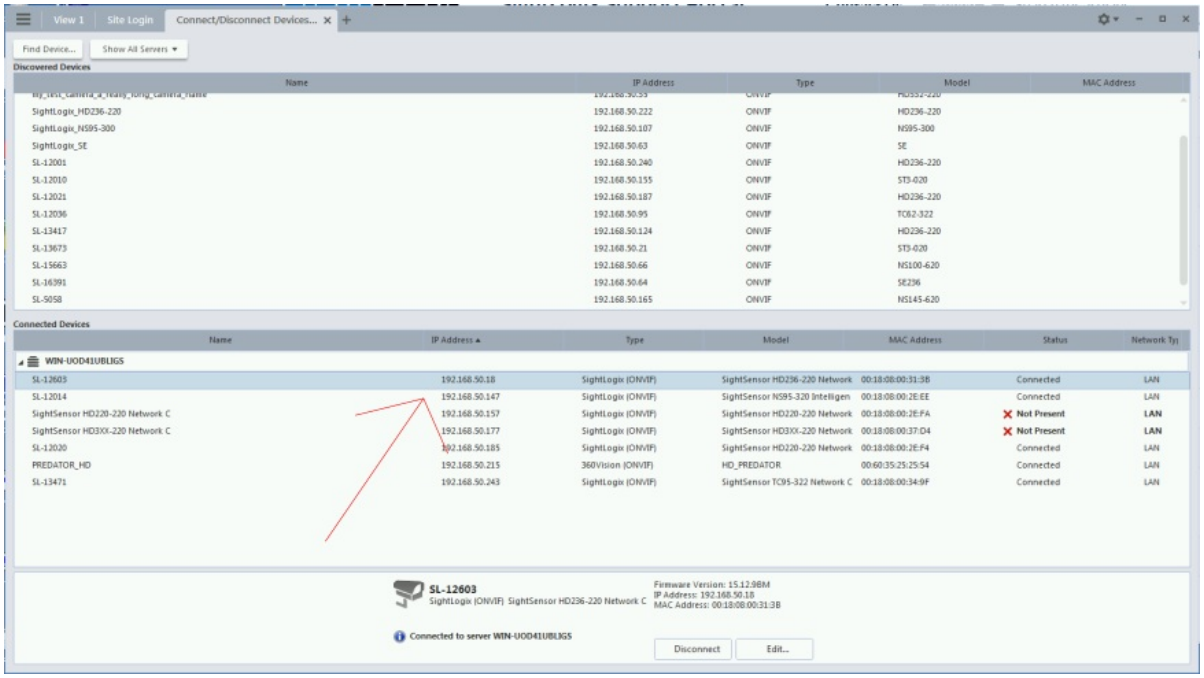
- Look for your camera in the “Discovered Devices” interface.
- Click Find Device if your camera is not found and enter the SightLogix camera’s information in the Find Camera window and click OK.
    - Camera type is ONVIF.
    - Username/password is service/test1234



- Select your camera, click ‘Connect…” and Press OK.



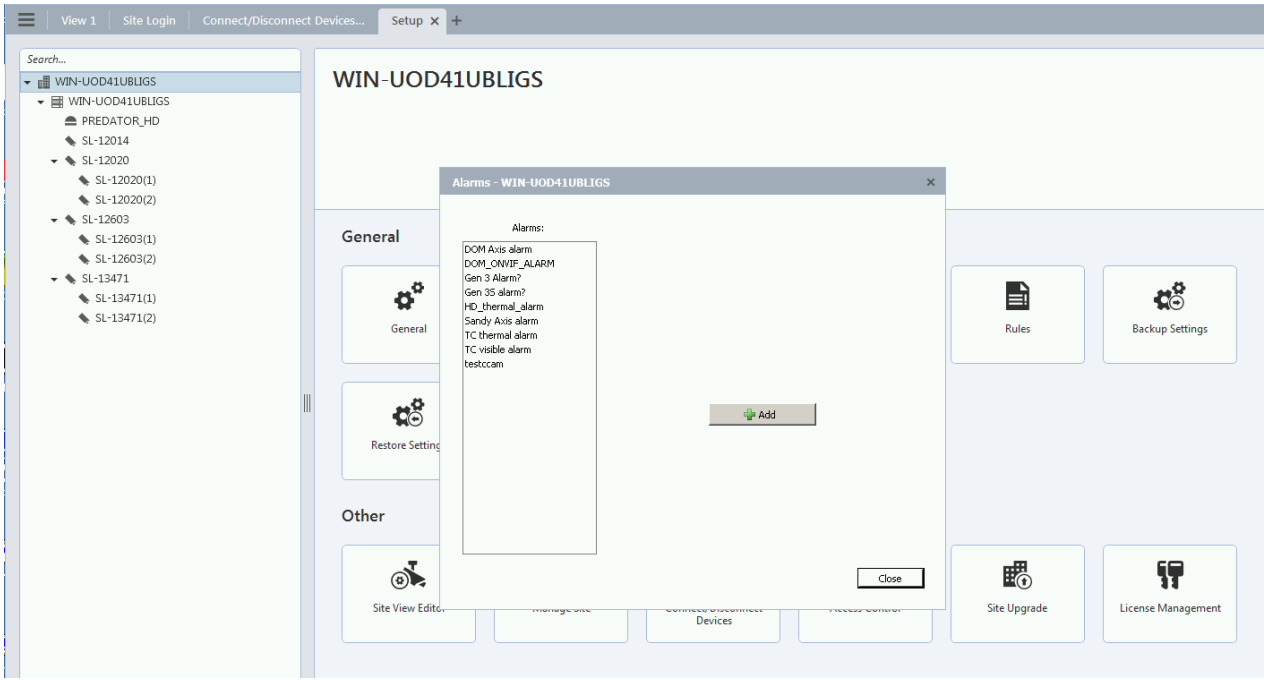
- Once connected, the camera will be shown at the bottom under Connected Cameras.



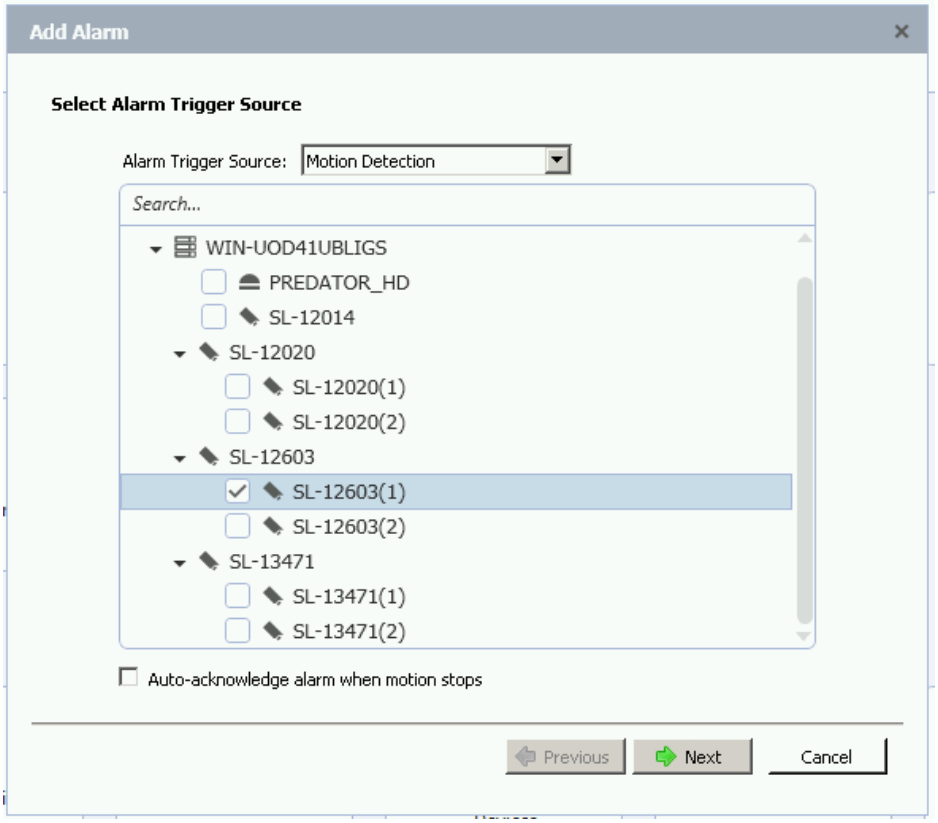
Setting Alarms

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

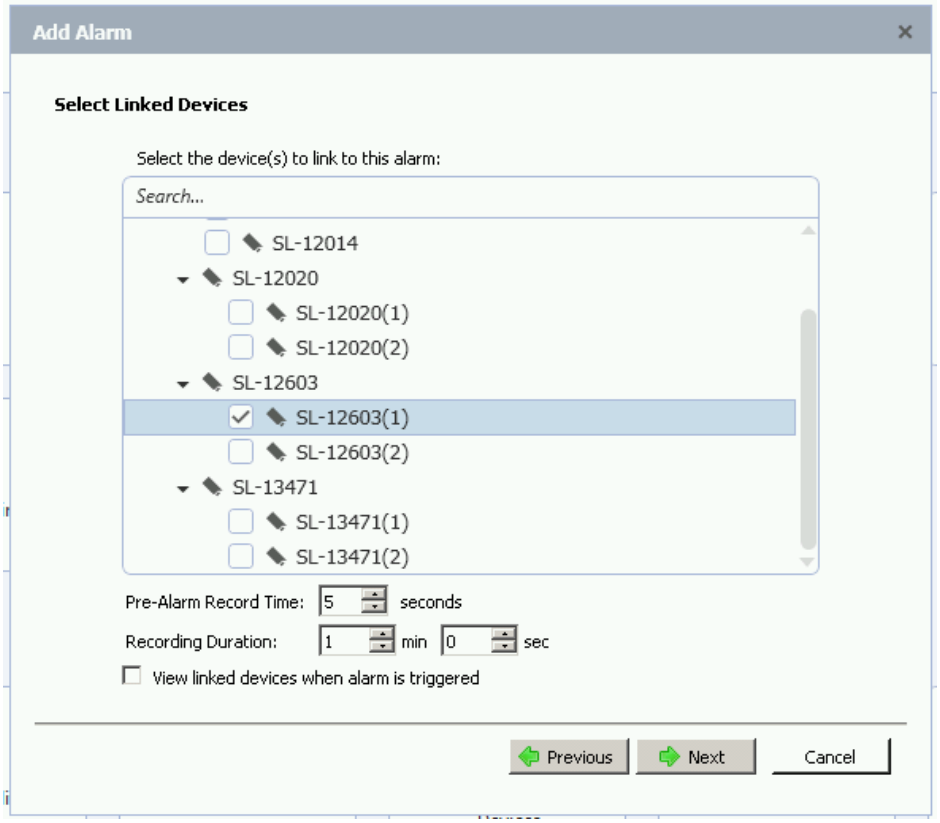
- Under the setup menu, click *Alarms* and click *Add.*



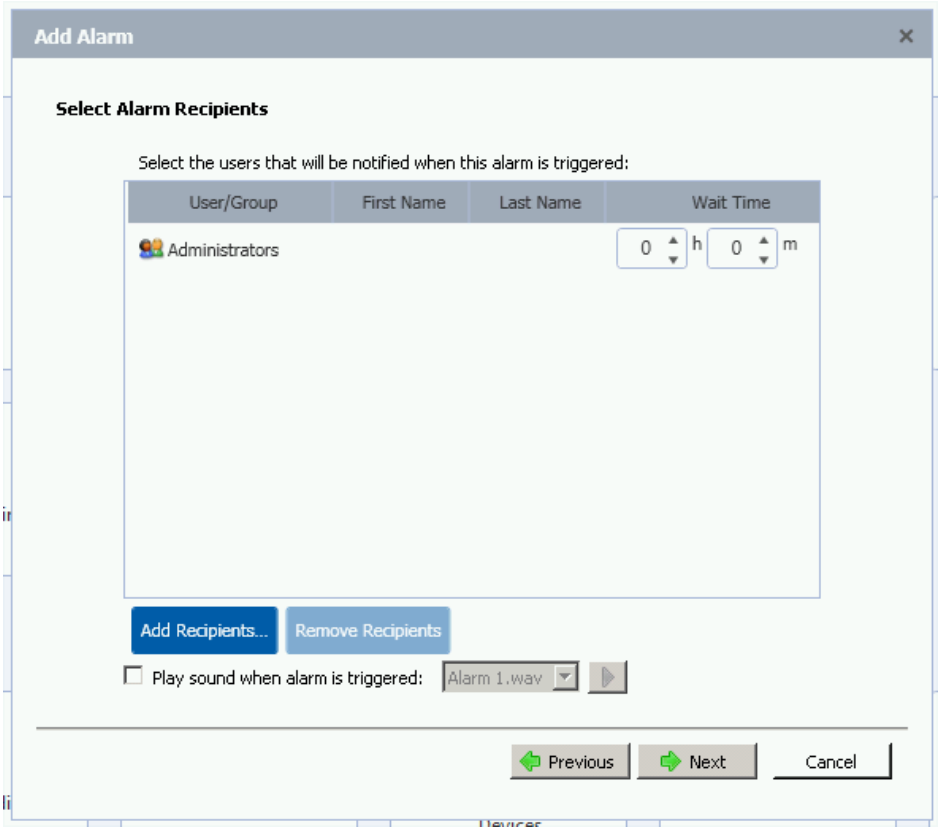
- Select *Motion Detection* under Alarm Trigger Source.
- Select the camera which you want to associate with this alarm.
- Click Next.



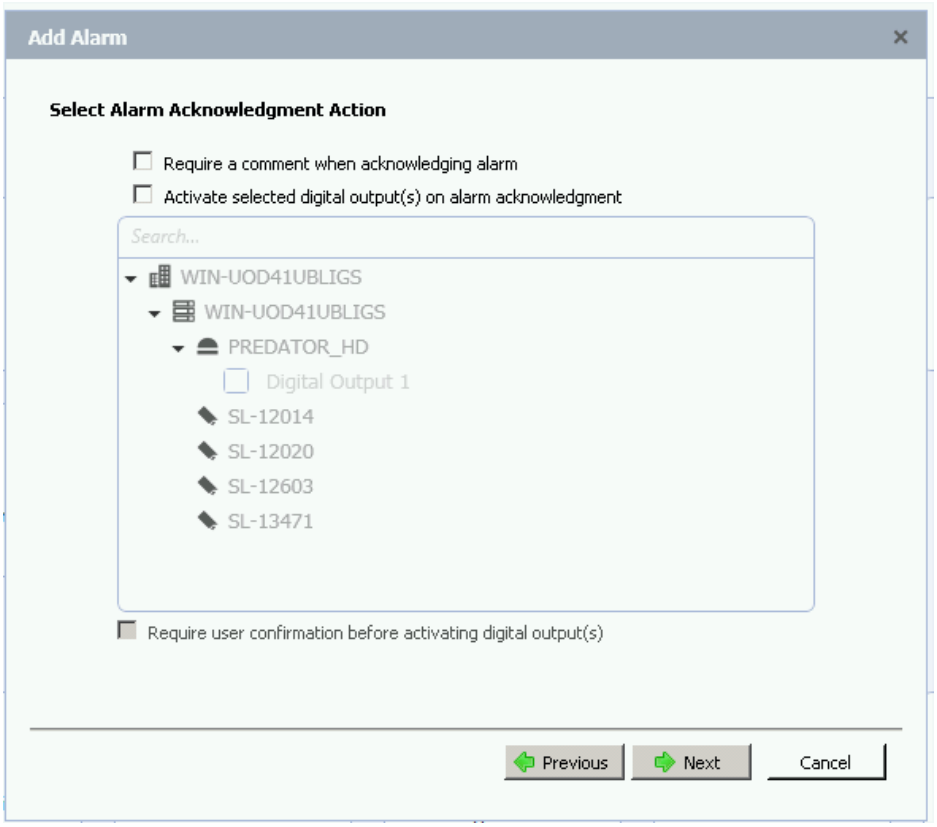
- Select the camera again to link the alarm to your camera and then click Next.



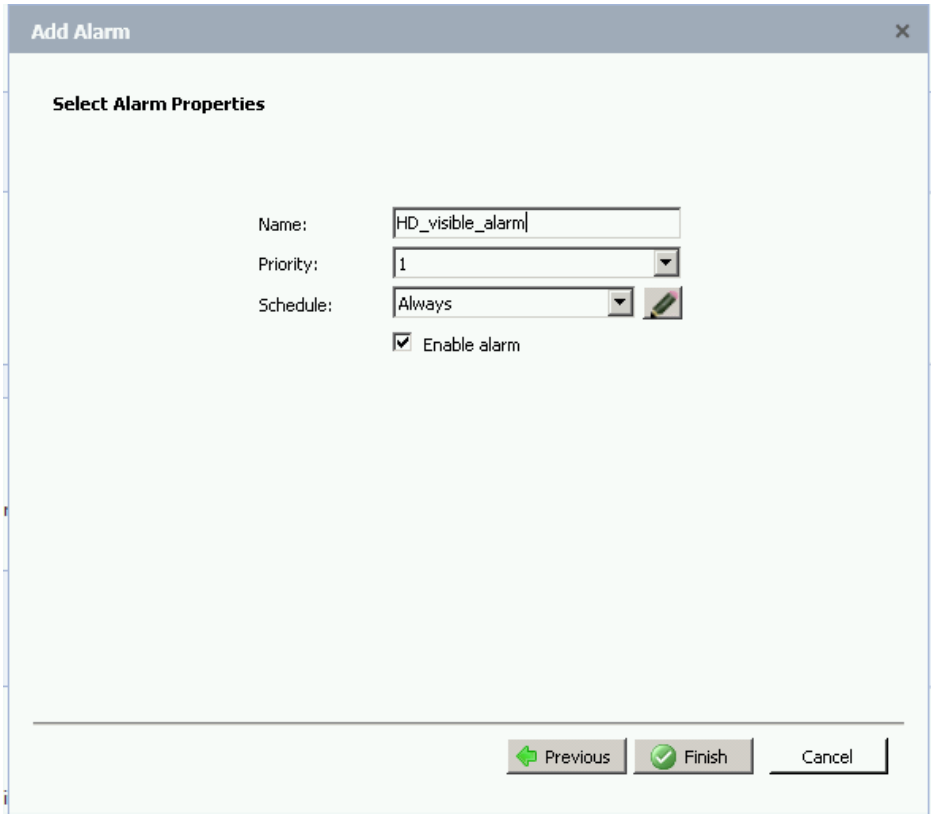
- Add the group/user to receive the alarm notification.
- Click 'Next'



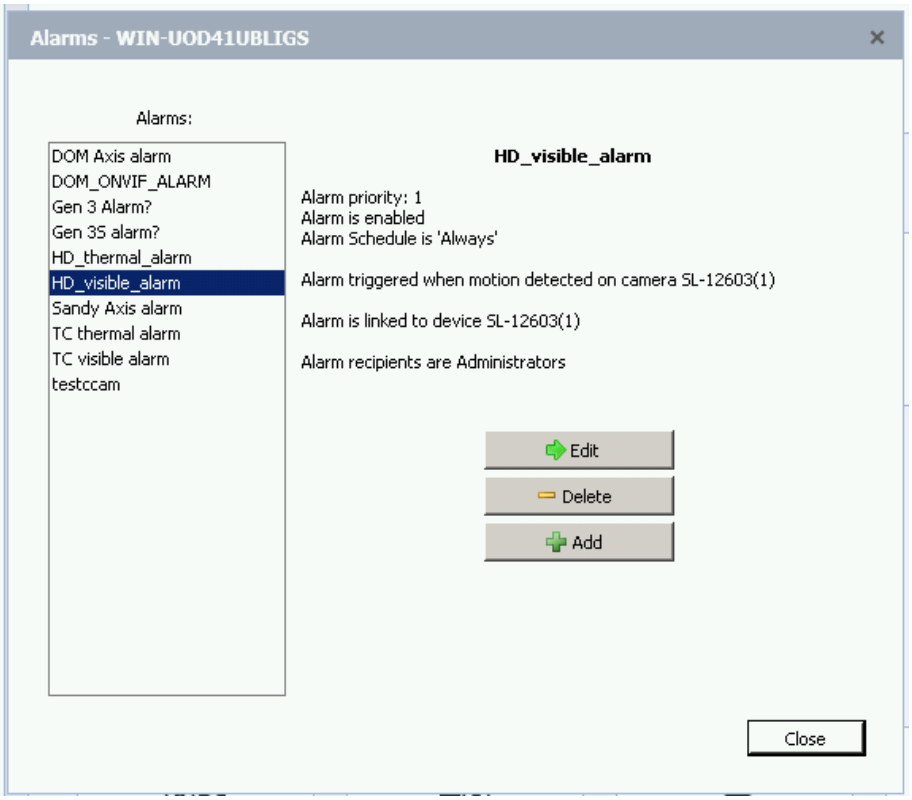
- Click 'Next' on alarm acknowledgement action.



- Provide alarm name.
- Click Finish.



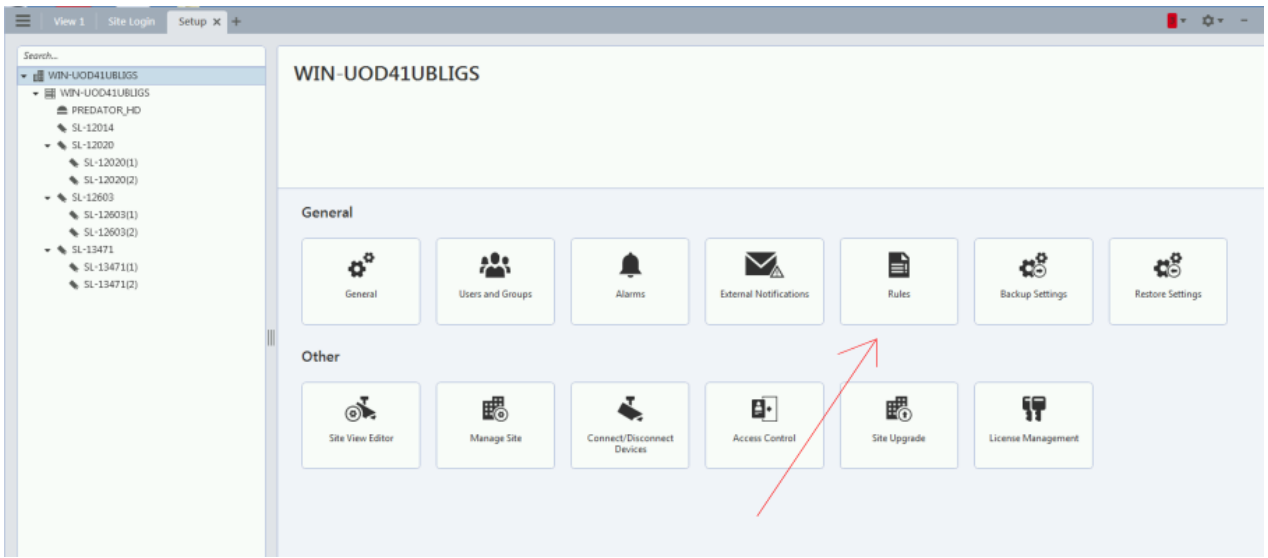
After adding the alarm, the Alarm properties should look as follows:



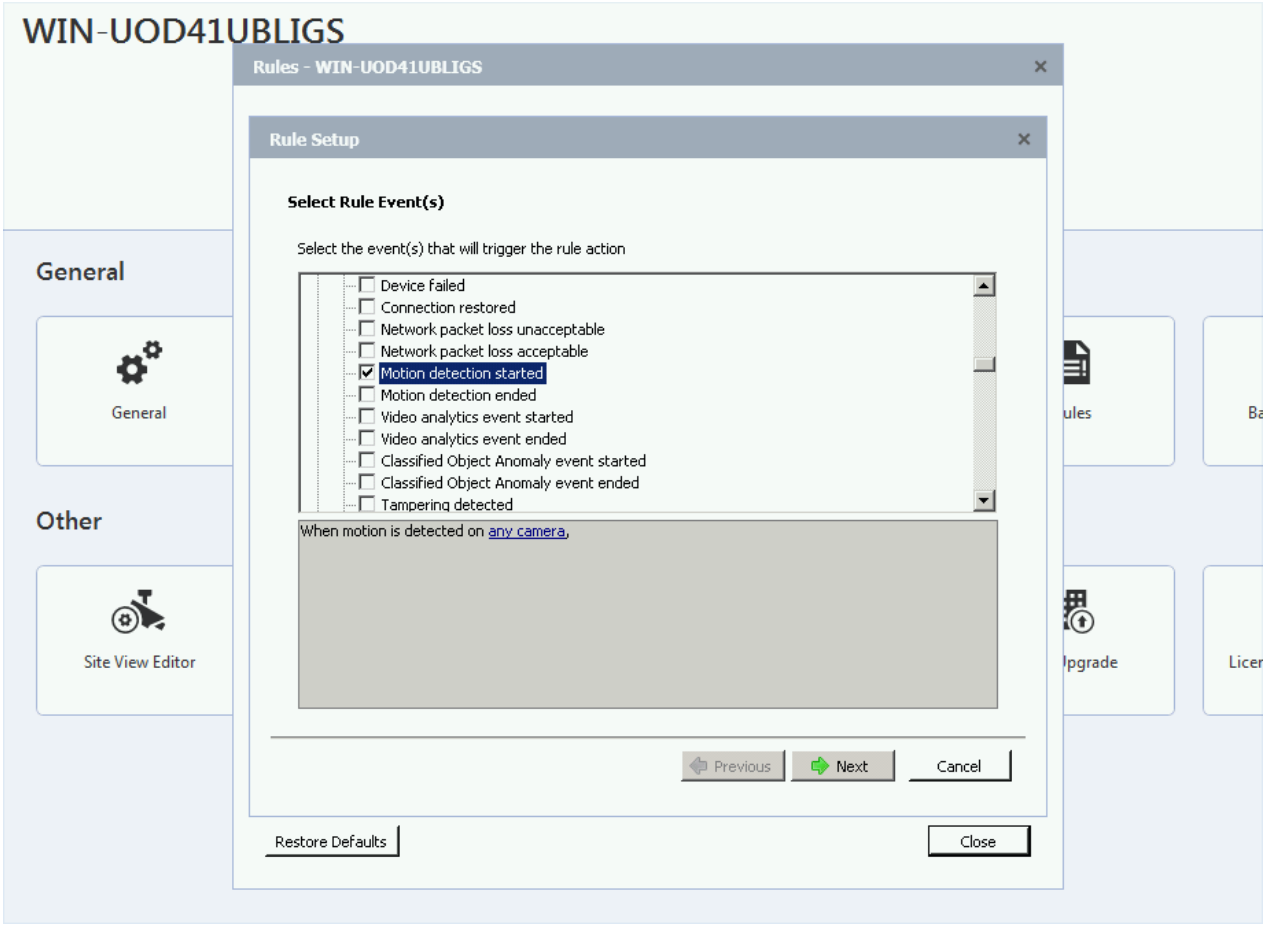
Setting Rules

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

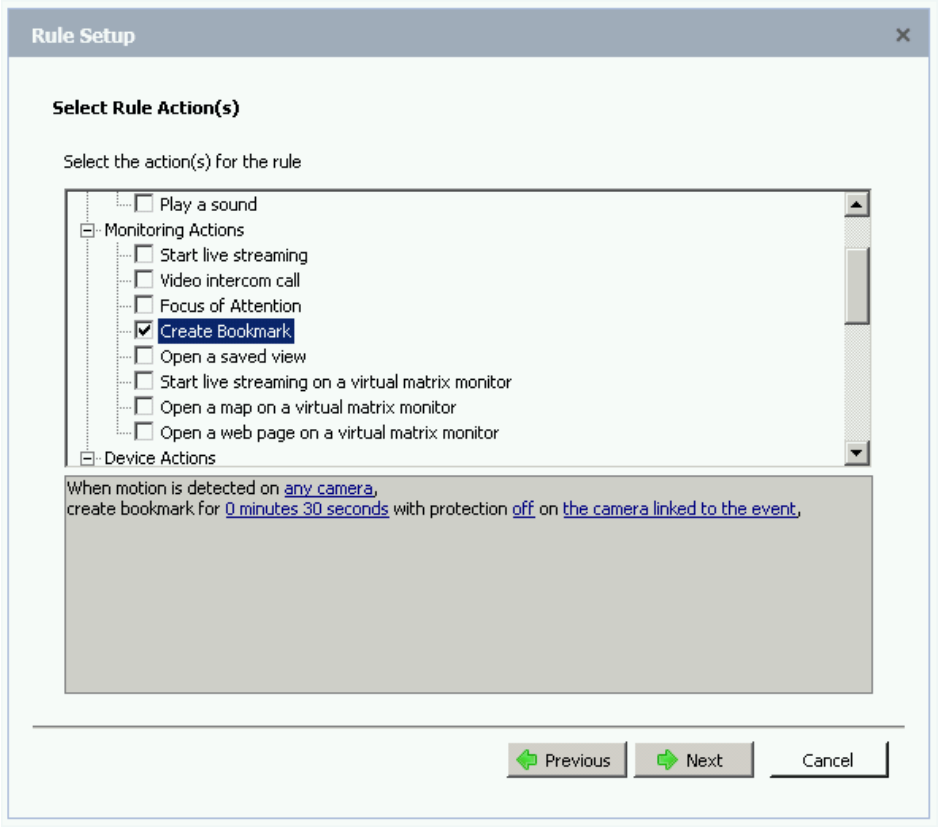
- From the Setup window, click Rules



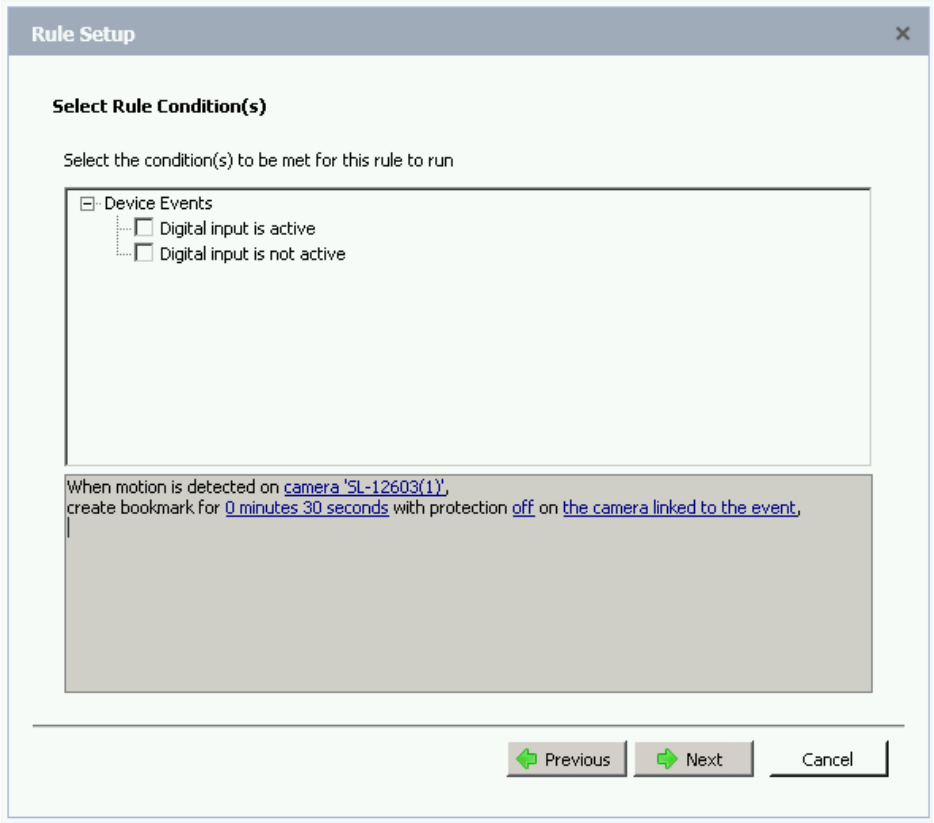
- Select *Motion detection started*, then *Next*.



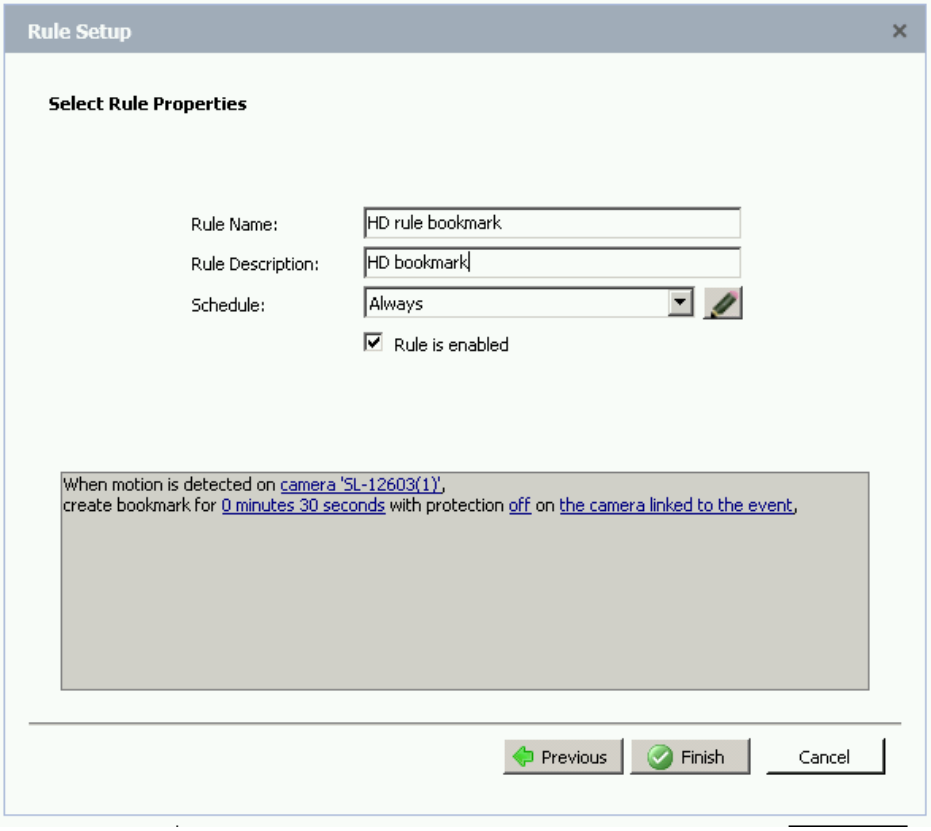
- Select *Create Bookmark* as the action.
- Click "any camera" to select the SightLogix device.



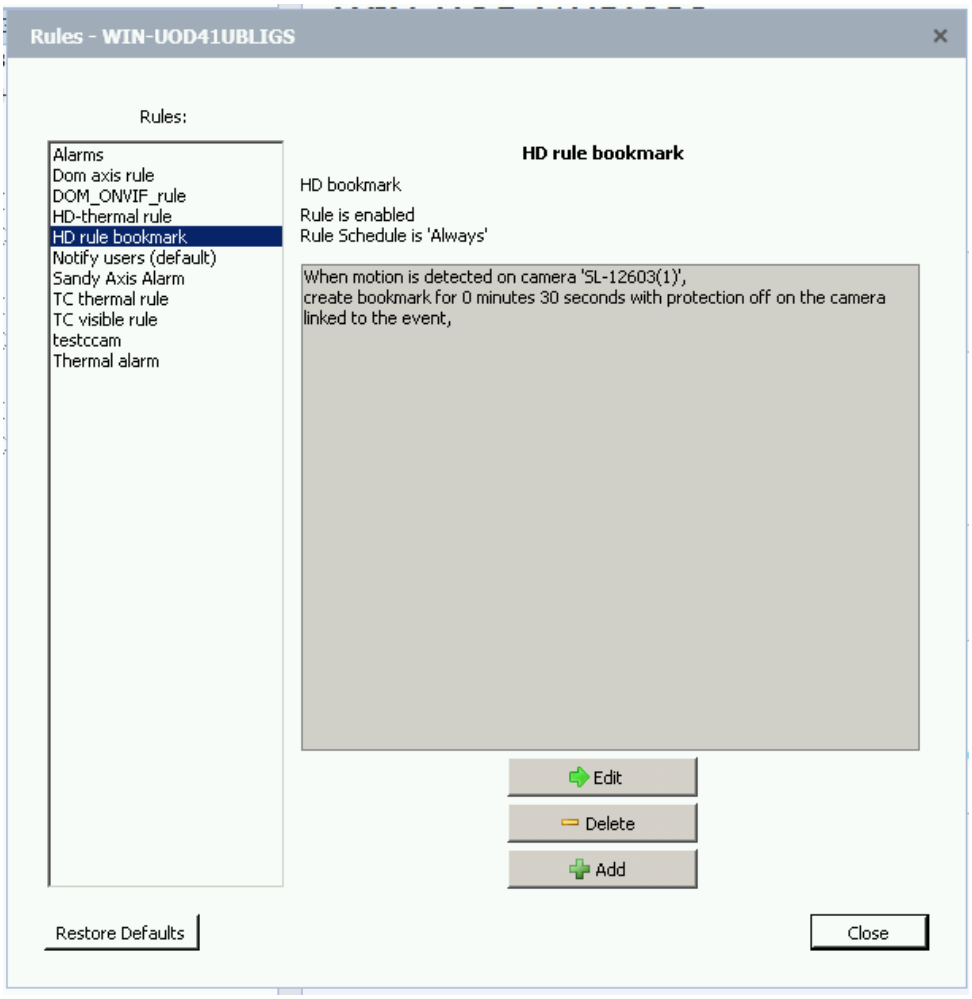
- Click Next.
- Review your rule setup at the bottom of the window and click Next.



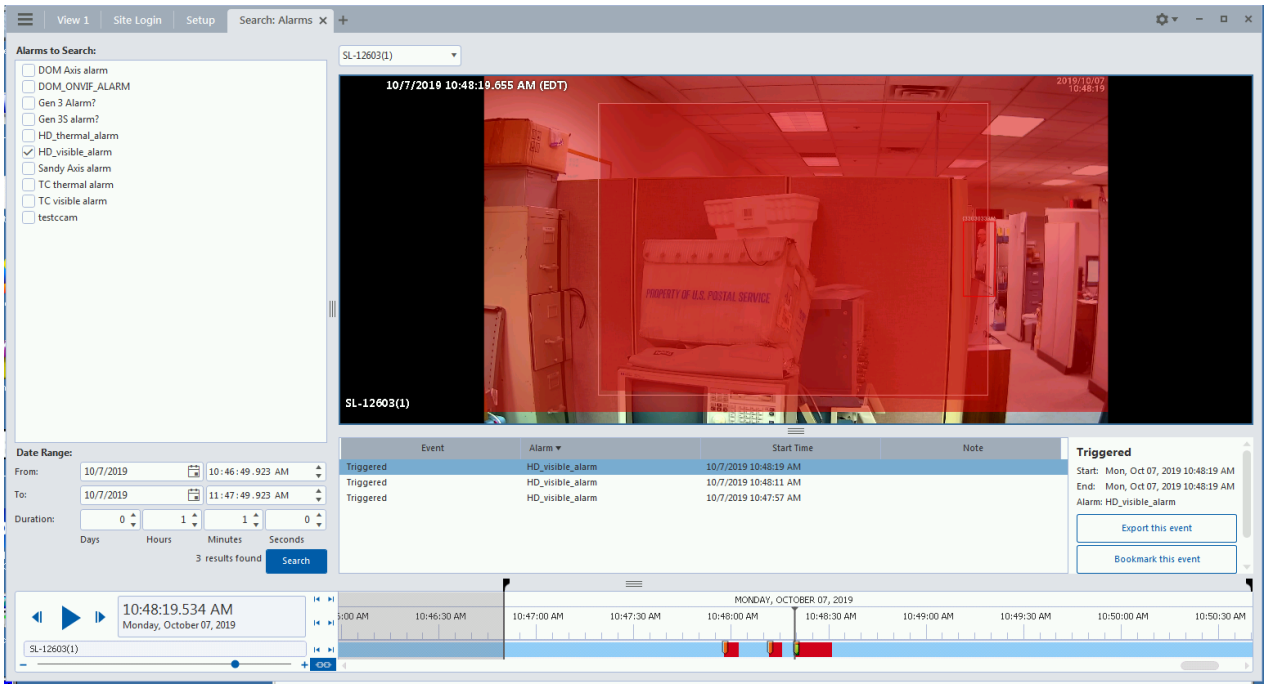
- Provide a name and click *Finish*.



- Check rule description



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



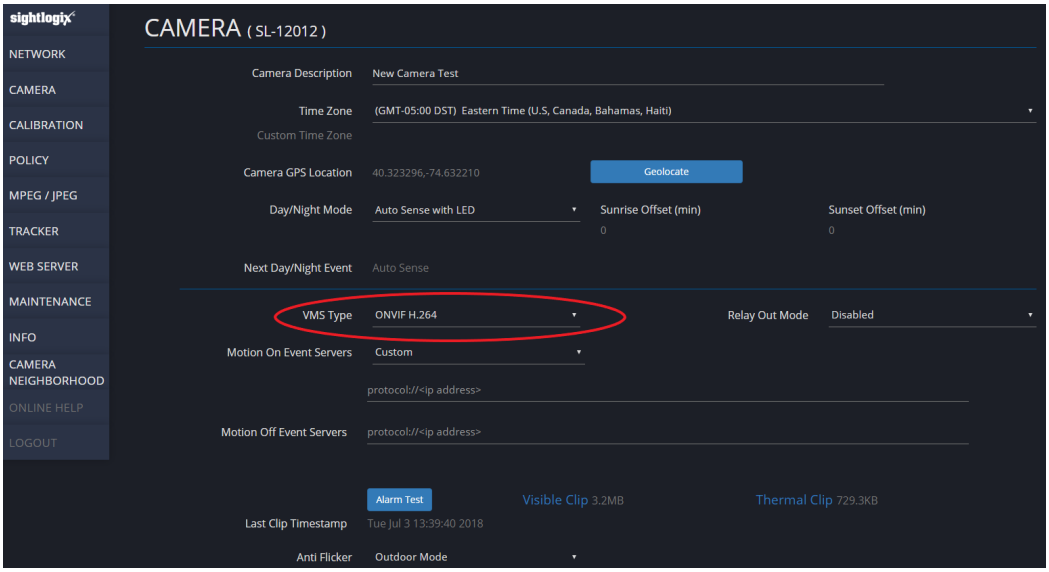
Configuring OpenEye

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

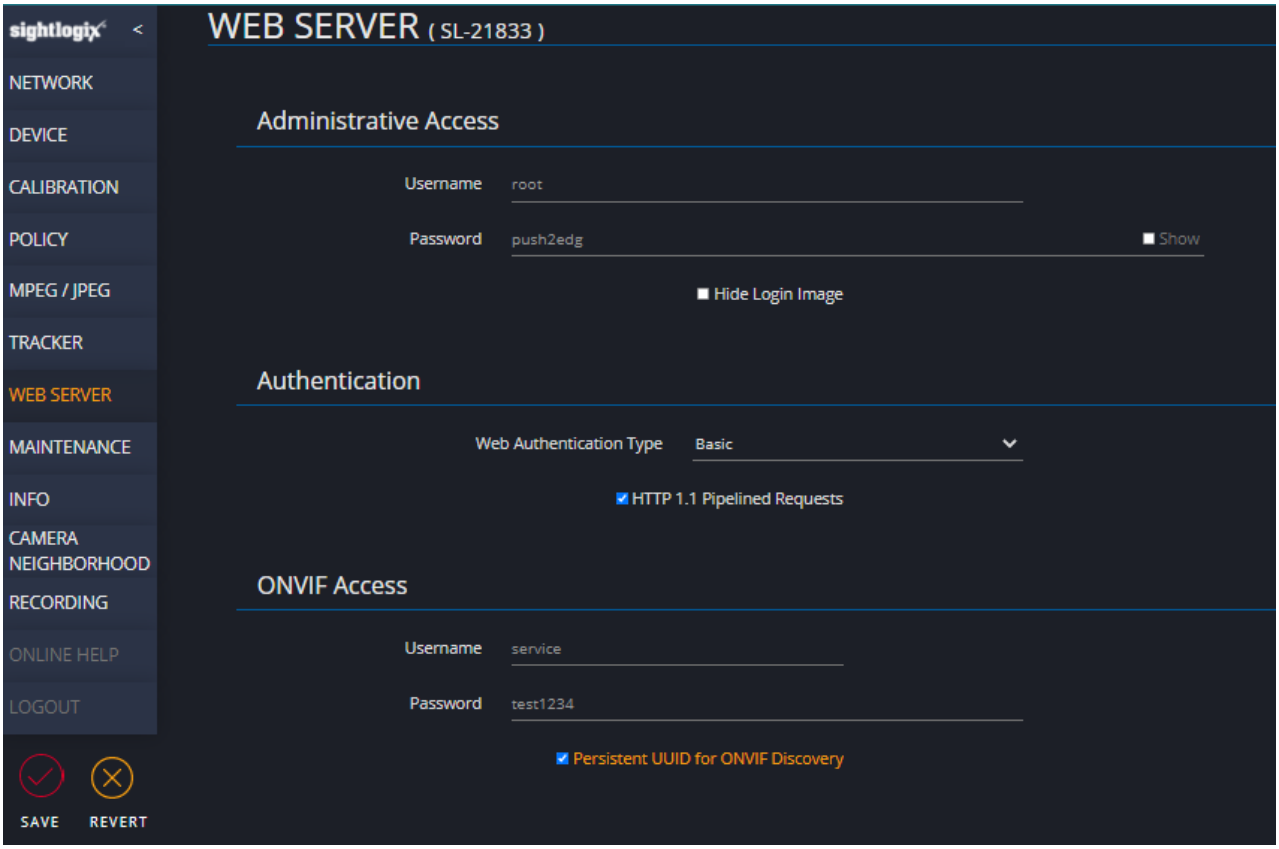
Tested with OpenEye 1.8.0.8271
Tested with SightLogix Firmware 16.2.12 (required for OpenEye integration)

Add SightLogix Devices as an ONVIF Device

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



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

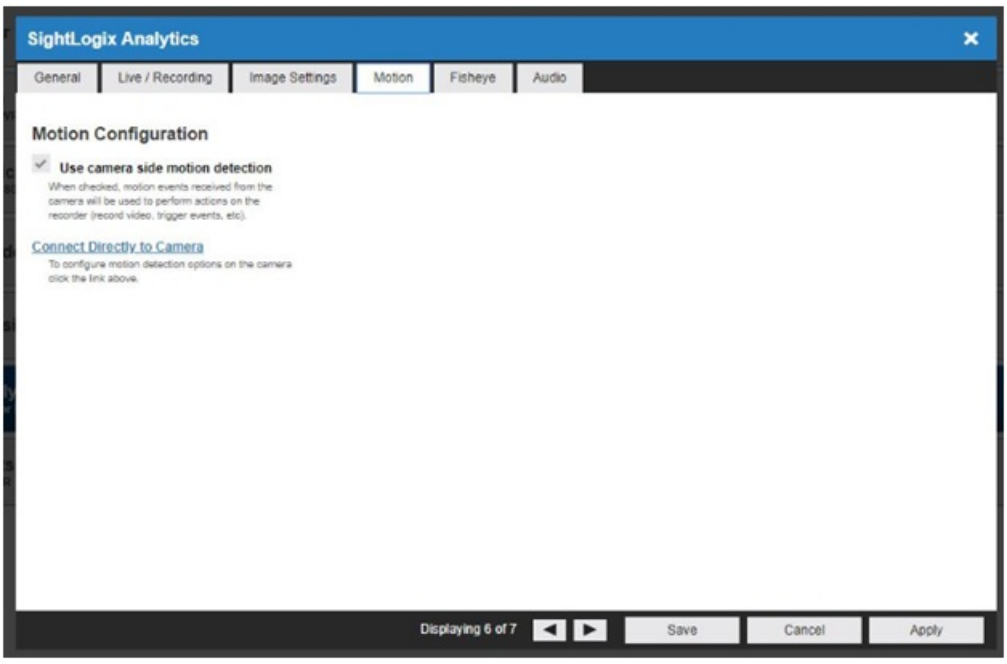


- Click Save.

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.



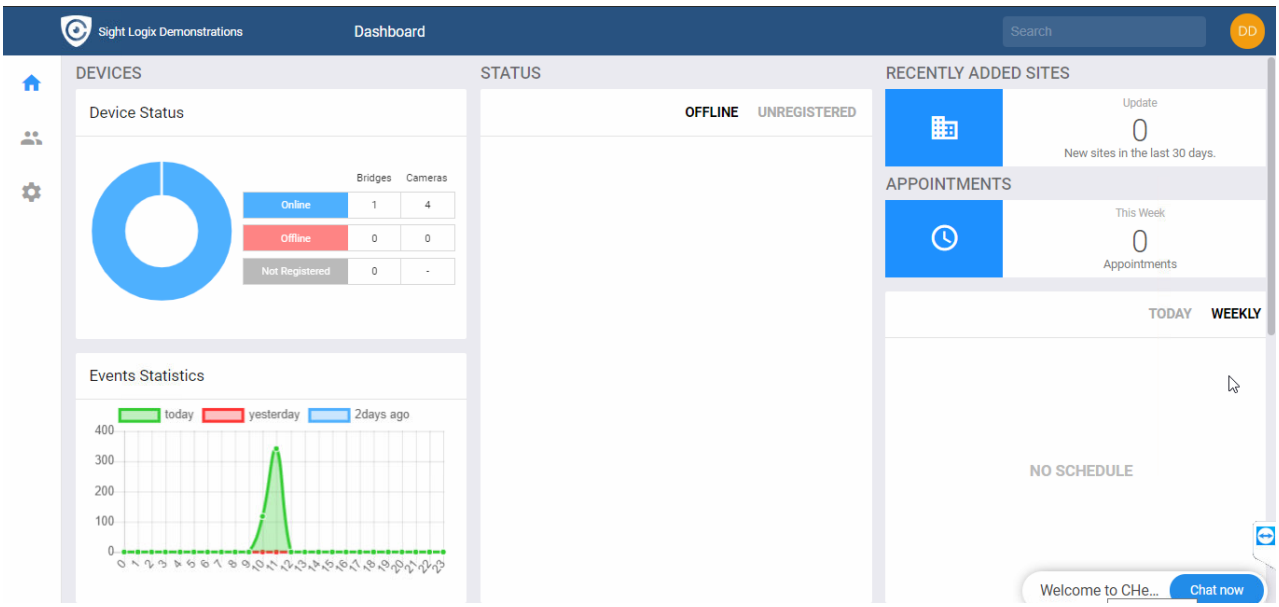
Connecting SightLogix Devices to the Chekt Bridge

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

Requirements: CHeKT Bridge running firwmware 2.5 and later

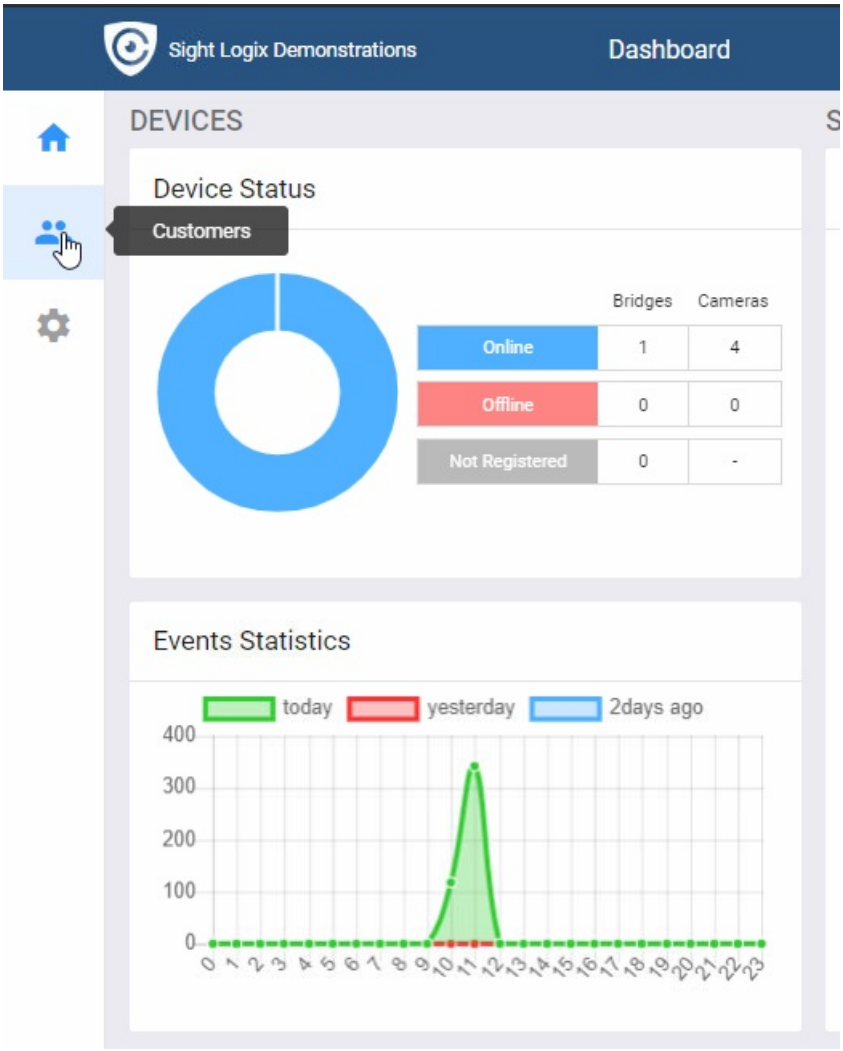
Once your SightSensor has been configured, use the instructions below to connect to the CHeKT Bridge.

- Log in to your Dealer Portal, as shown.

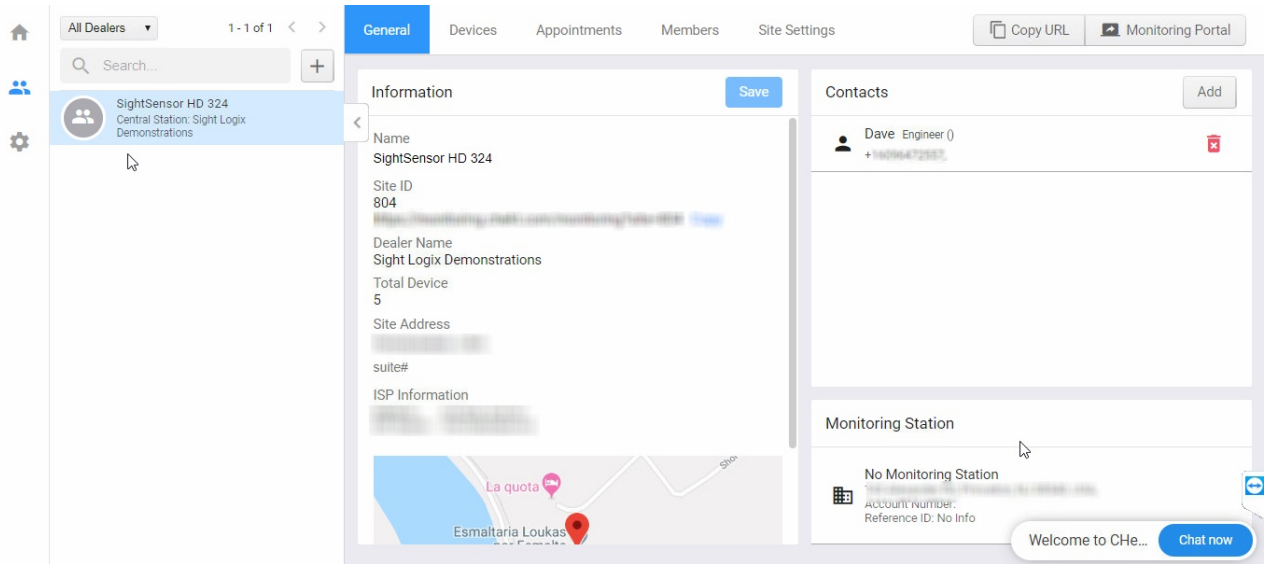


Note: You need a previously created CHeKT Customer Account Site before you add SightSensors. Follow the CHeKT instructions if needed: (https://support.chekt.com/portal/kb/articles/creating-a-new-customer-account)

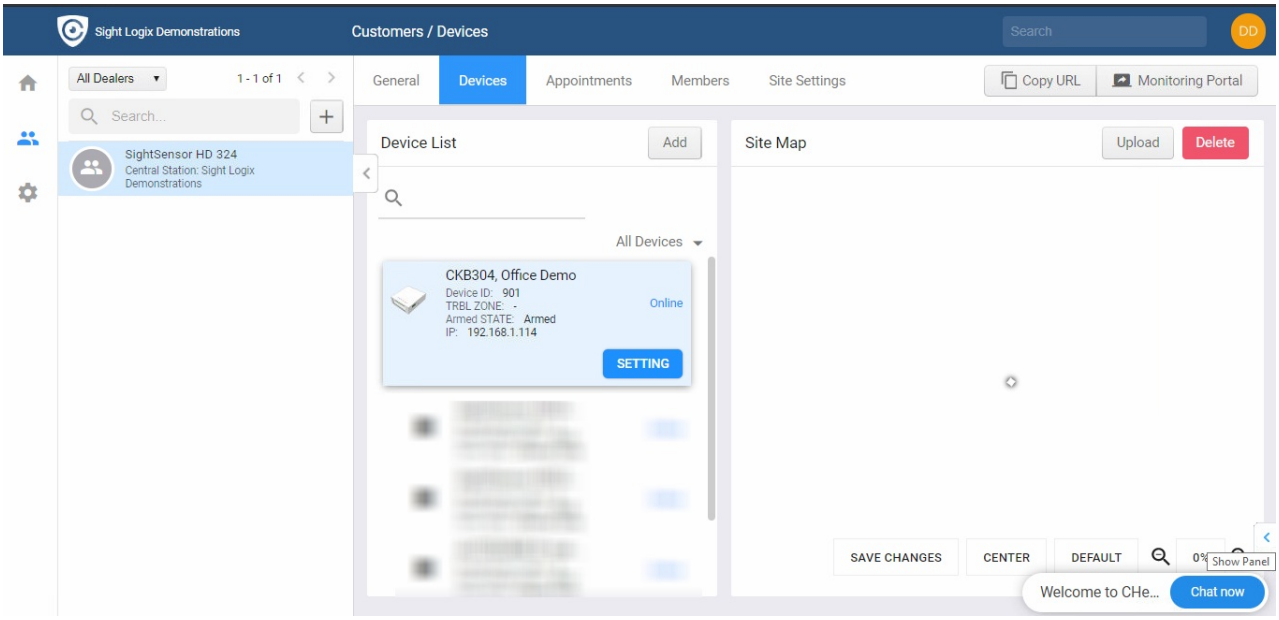
- Once Customer Account has been created, select the Customers icon from the left-side navigation, as shown.



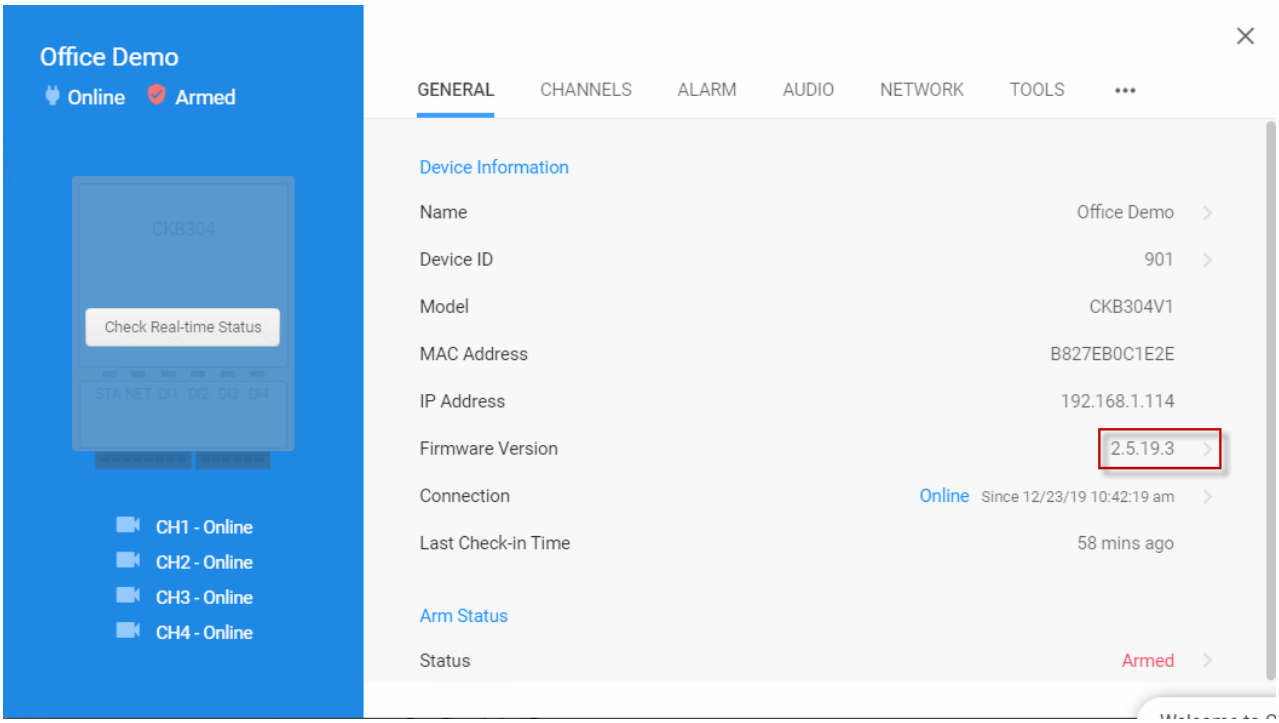
- You will see the list of Customers that have been created. Click the Customer Account to add SightLogix Devices. The details will display under Information, as shown.



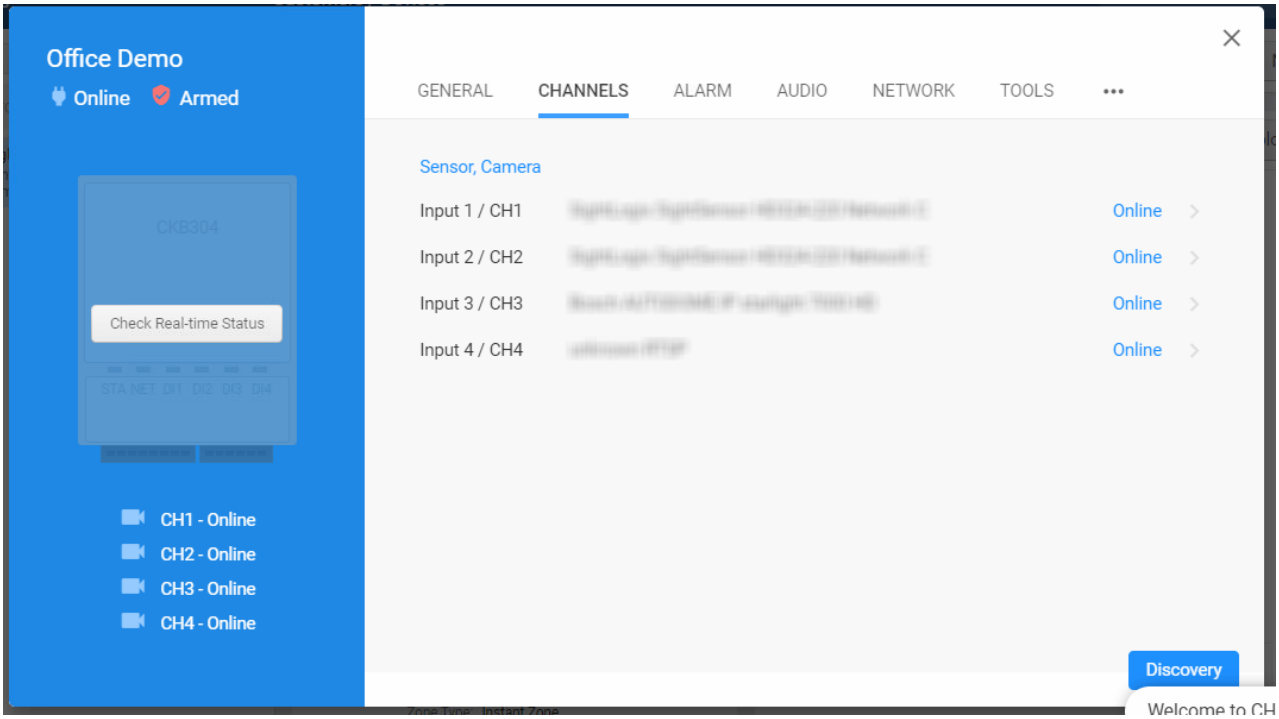
- Click the Devices tab. Add the CHeKT Bridge (if not already there).
- Once the CHeKT Bridge has been added, select it and click the Setting button.



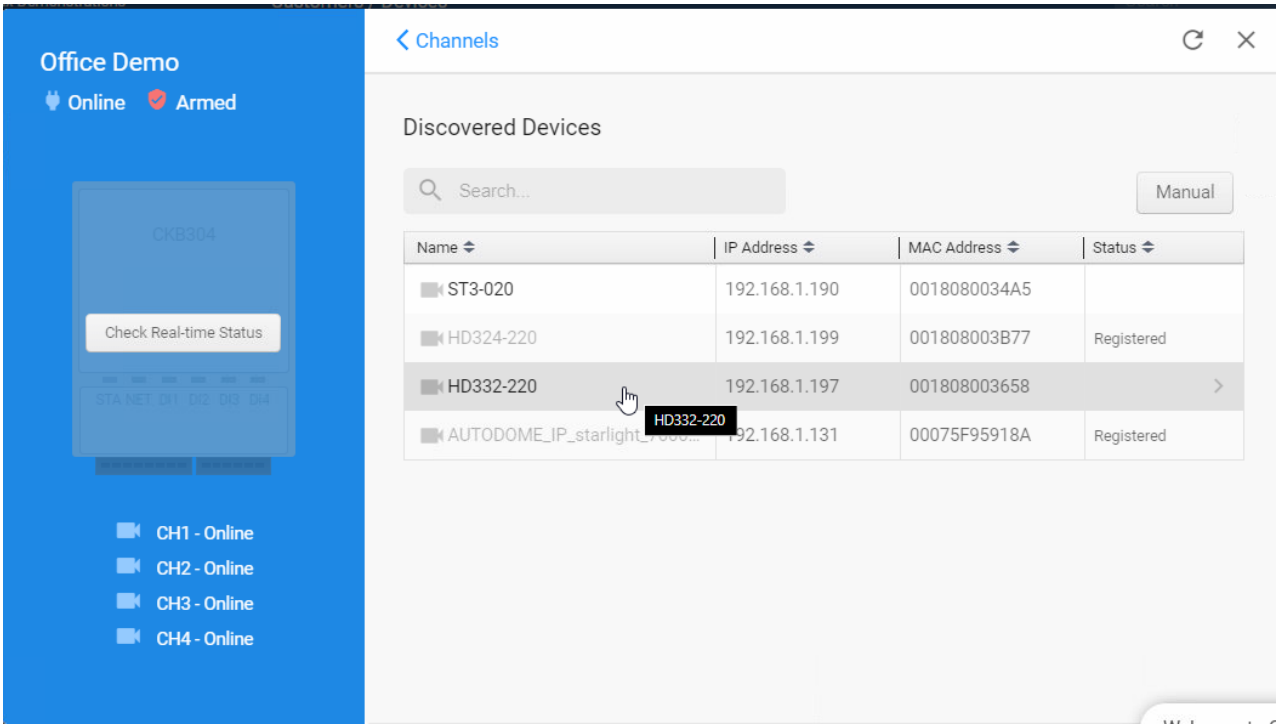
- Confirm that your CHeKT firmware is 2.5 or higher which includes the remote access feature to your SightLogix device.



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



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

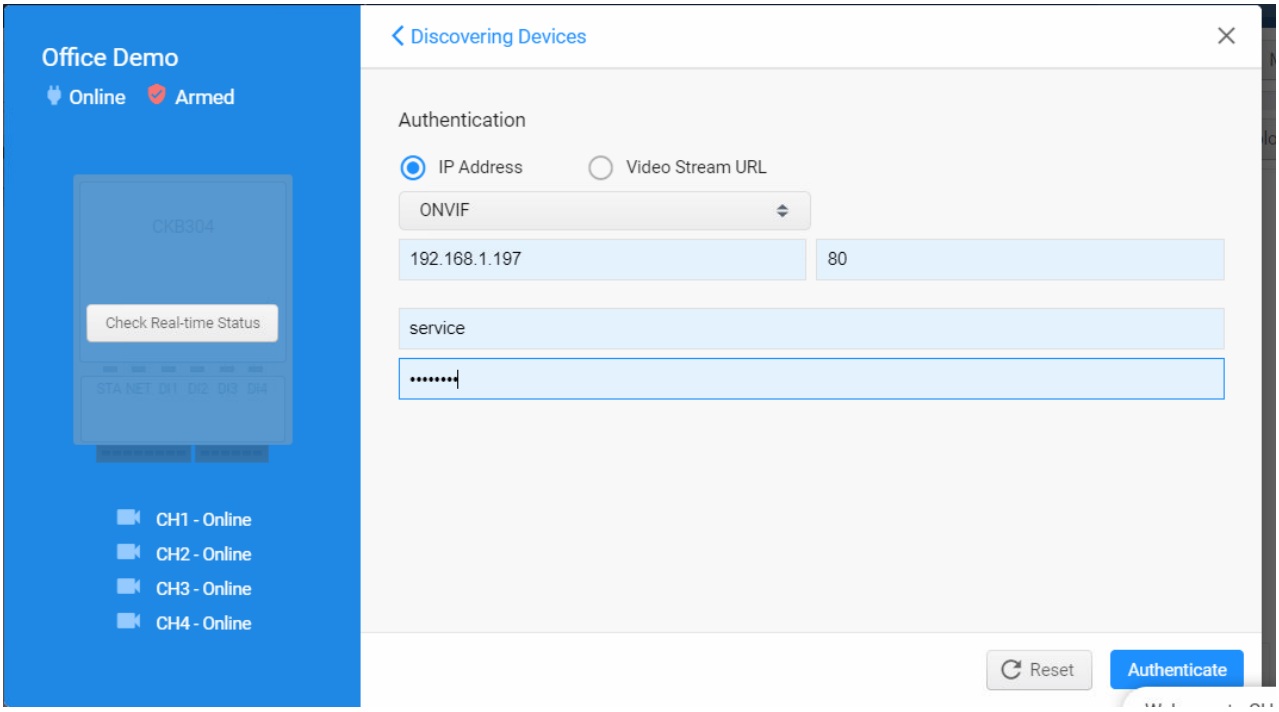


- Enter the default ONVIF credentials:

Username: service

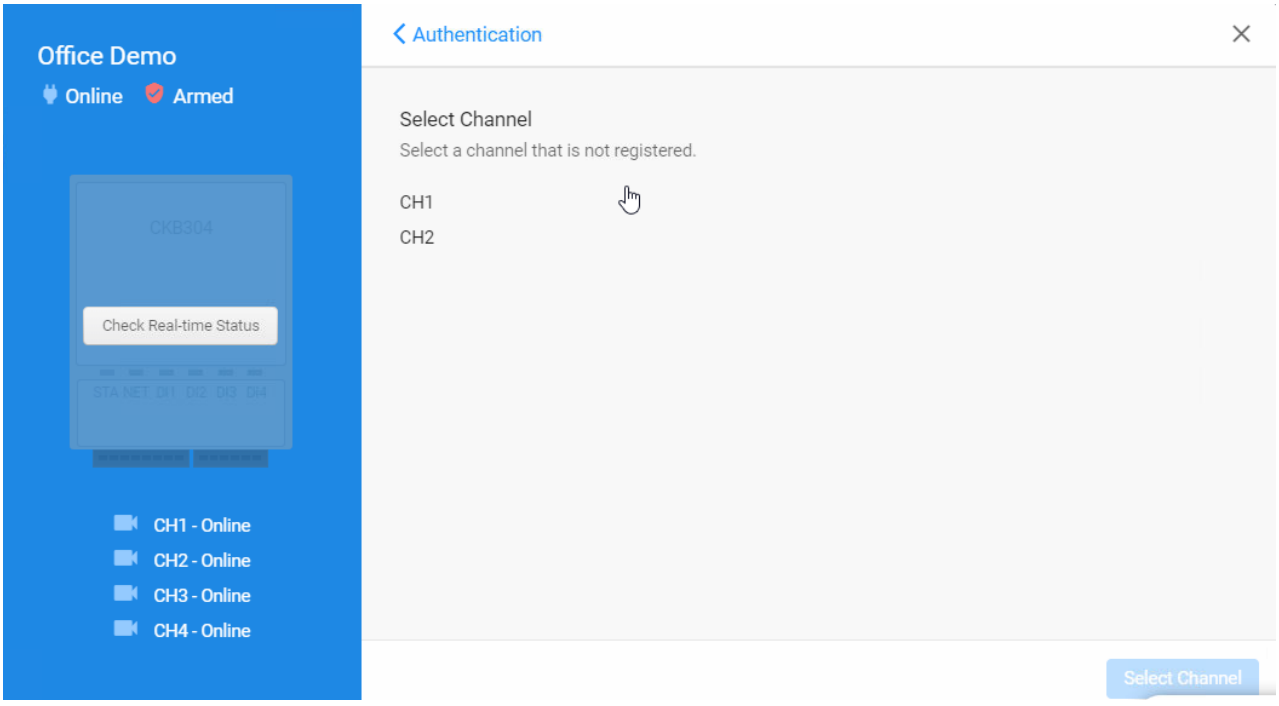
Password: test1234

- Then click Authenticate.



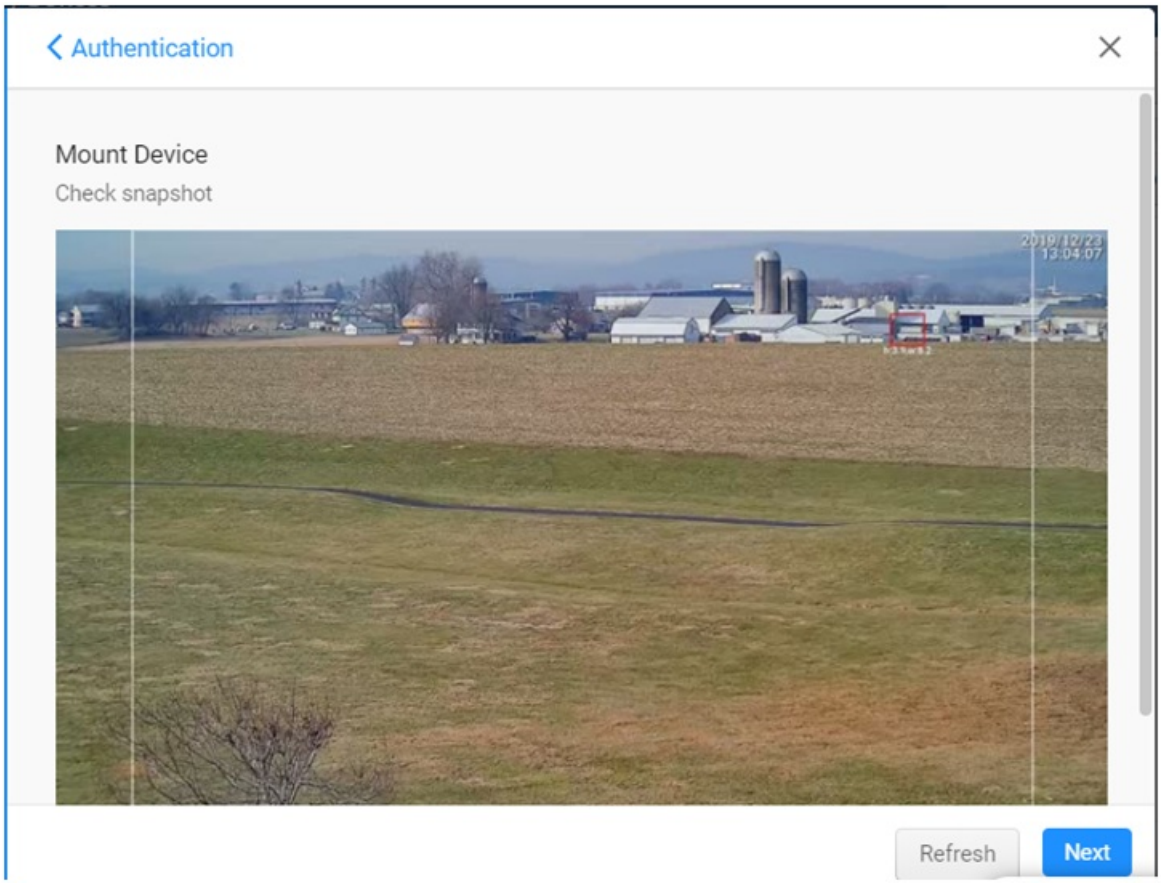
The Select a Channel screen opens. There are two steams available in the SightSensor HD or TC, a visible and a thermal.

- Click CH1 and then click Select Channel.

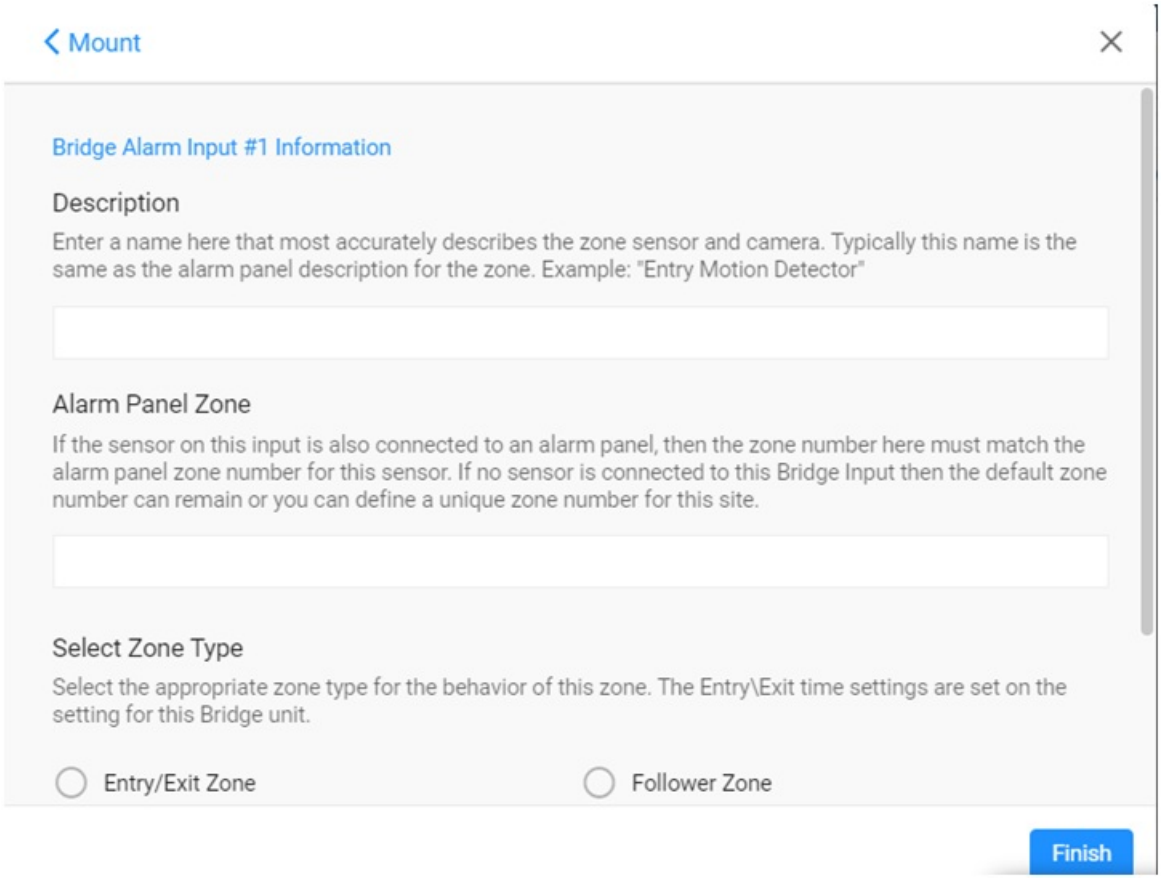


A live snapshot opens showing the most recent image from the camera.

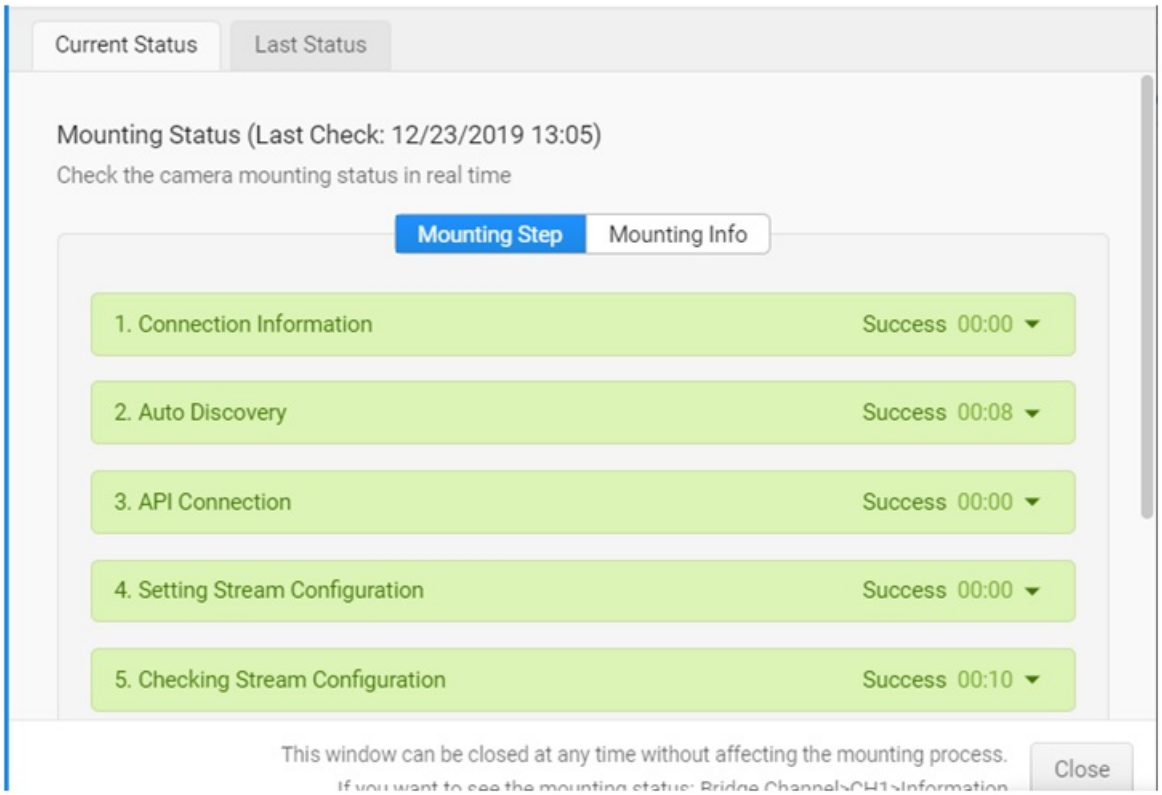
- Click Next to mount each stream to the Bridge.



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.



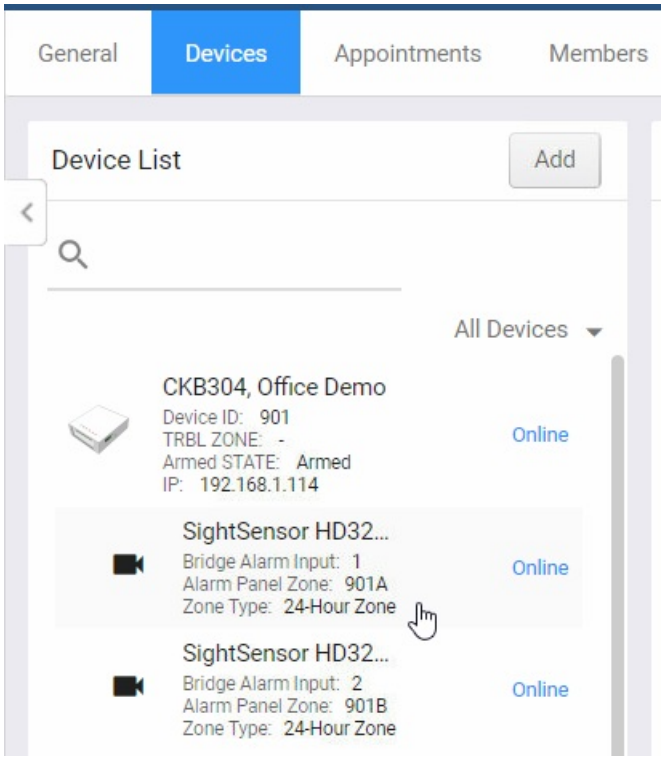
Finally, the Mounting Status will verify the connections. When each step is verified the row will highlight in green with 'Success,' as shown.



- 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.

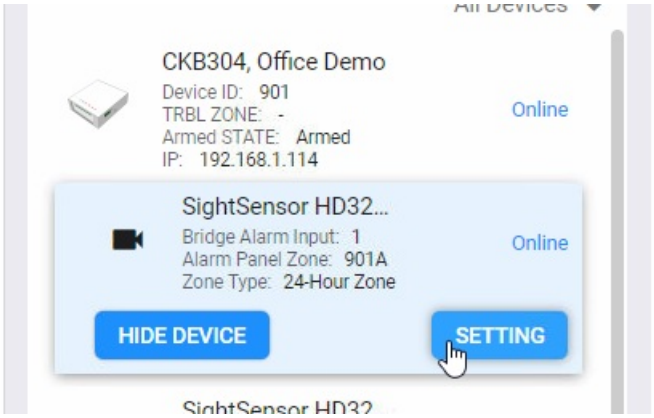


Adding Remote Access to your SightLogix Device for Future Configuration

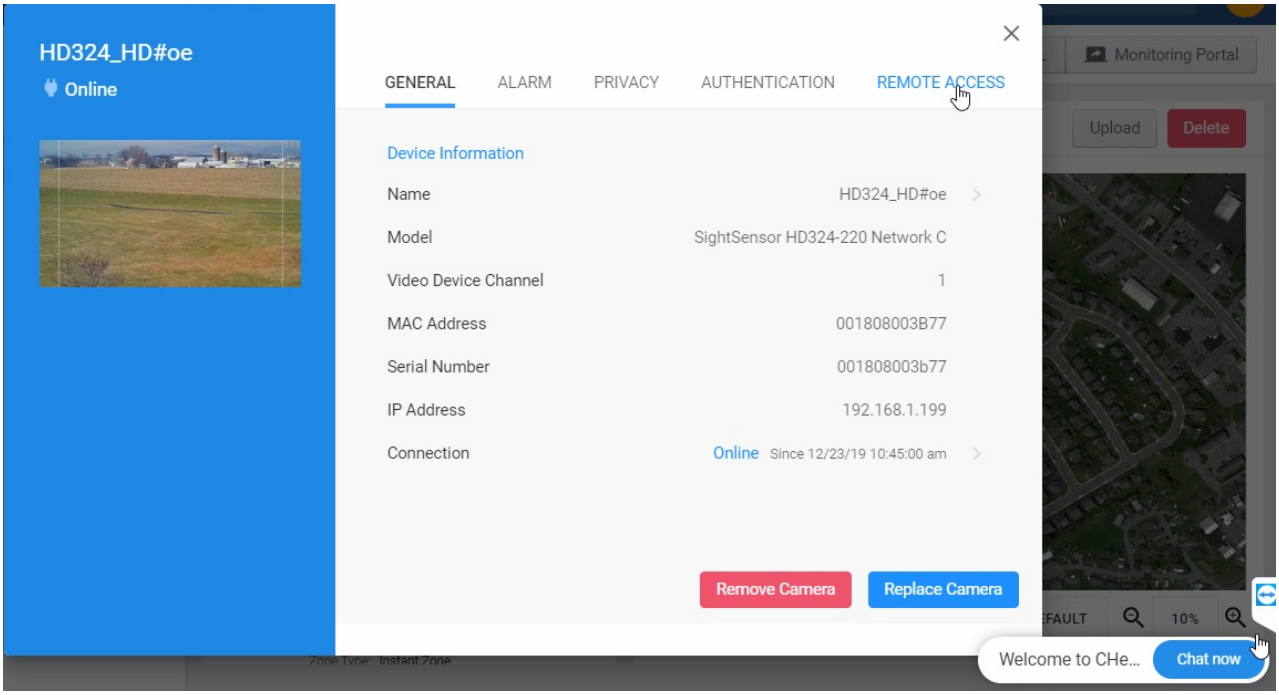
Now that you have added your SightLogix devices, you can remotely access your SightLogix device directly form the CHeKT portal. This offers an easy way to make changes to your SightLogix camera whenever needed.

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.

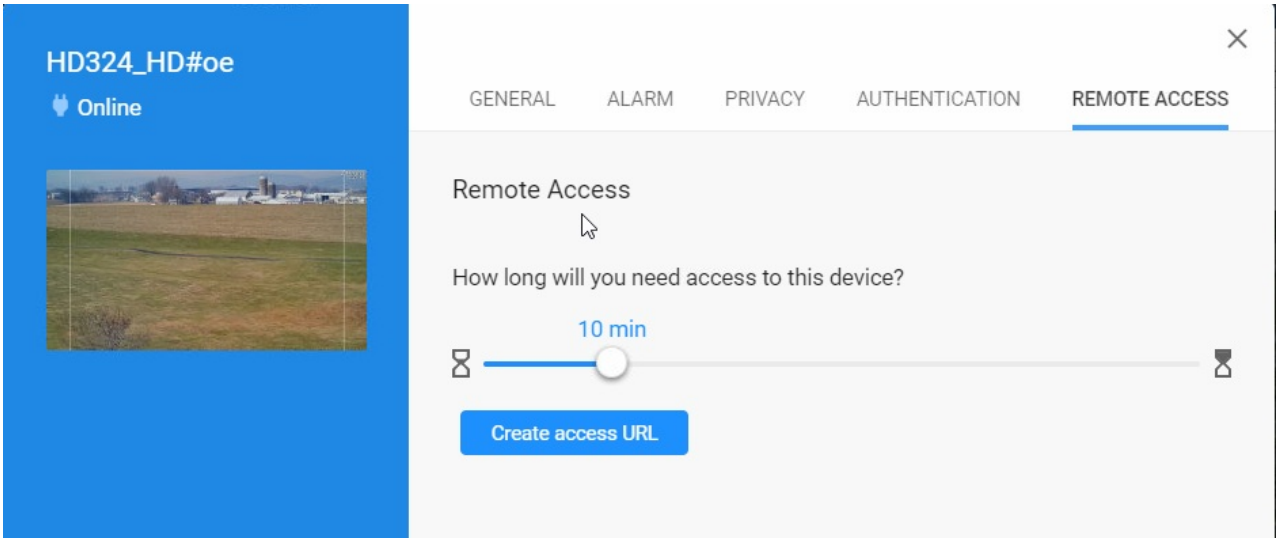


- Select Remote Access from the Setting window.

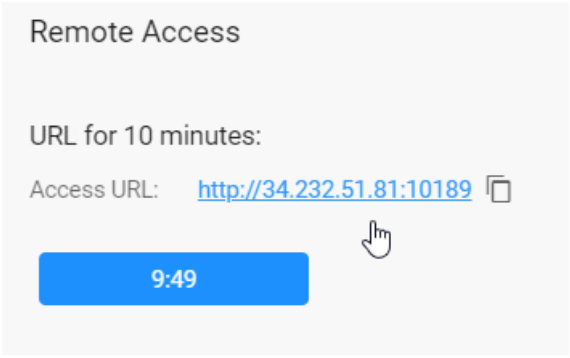


If you do not have the Remote Access option enabled on your account, a pop-up will open showing instructions for enabling this functionality.

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

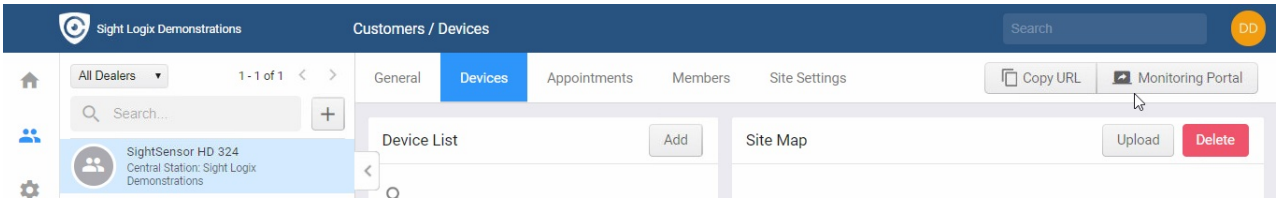


- The URL will be created, as shown. Click the link (or copy and send) to access your SightLogix device, which will open in a browser.



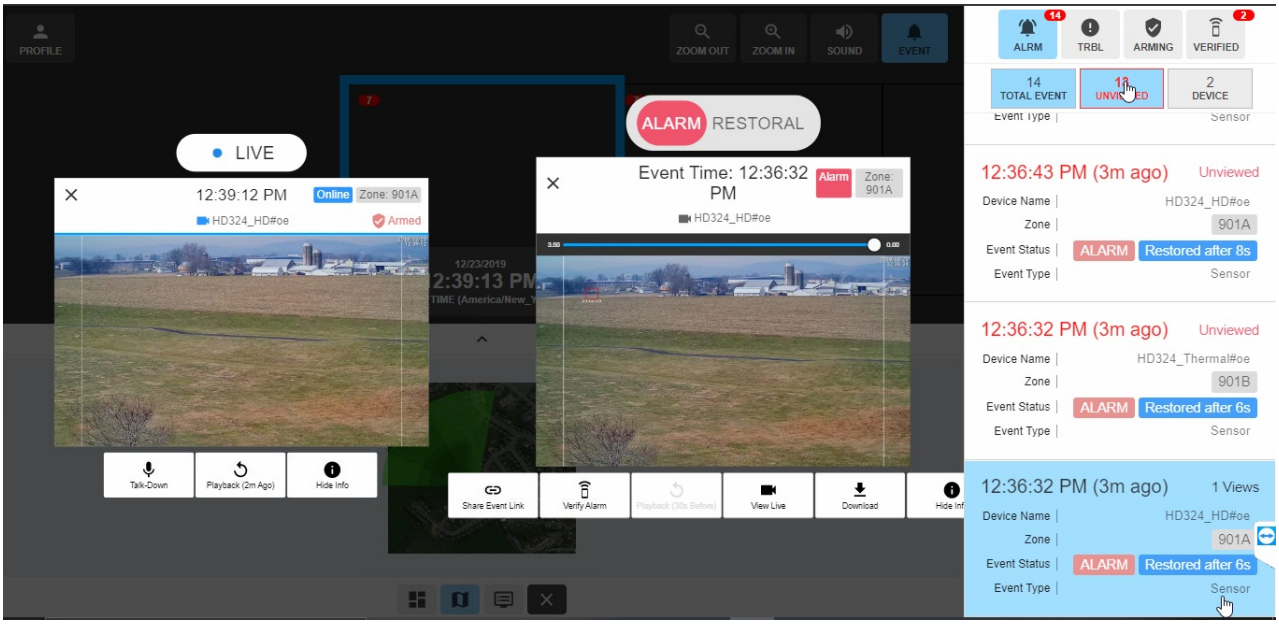
Viewing Video and Alarms

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



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:

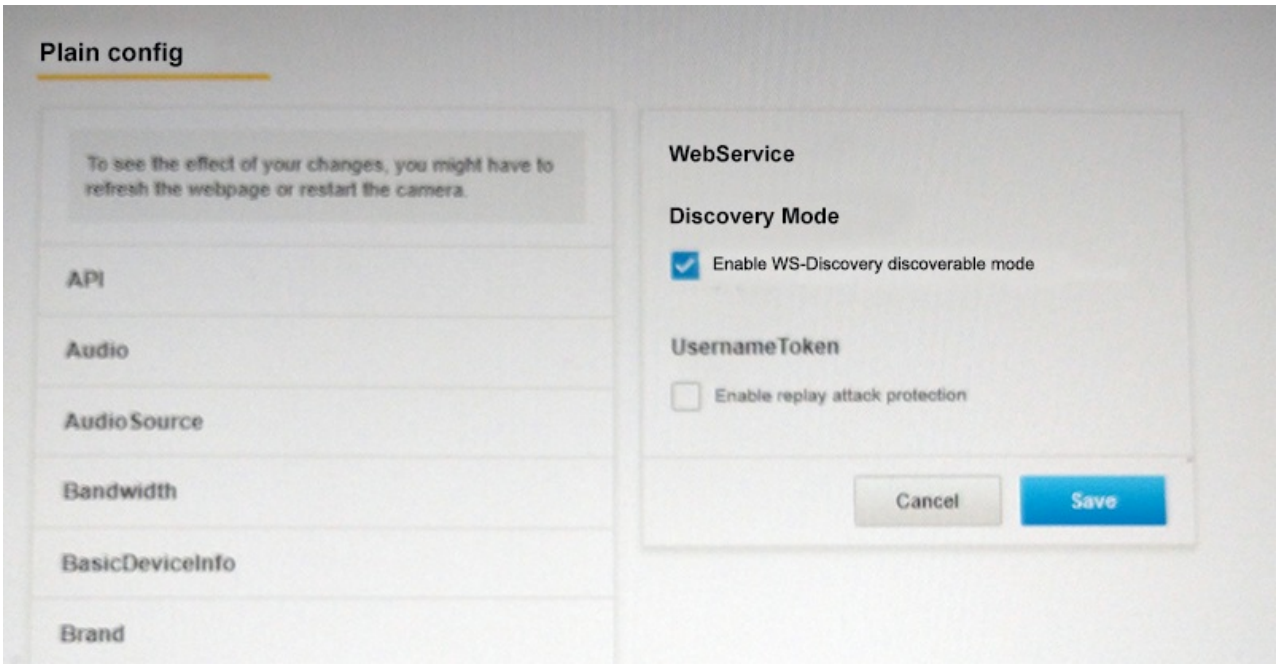
- Create an ONVIF account in AXIS Q8685 (do not connect SightTracker to AXIS yet)
- Set NTP server in AXIS Q8685 and add to Genetec as ONVIF
- Set NTP in SightTracker
- Connect SightTracker to AXIS (enter AXIS's ONVIF credentials in SightTracker's Configure/PTZ tab)
- Calibrate SightTracker and Associate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



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-and-dimensions.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---gen2-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
4. 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

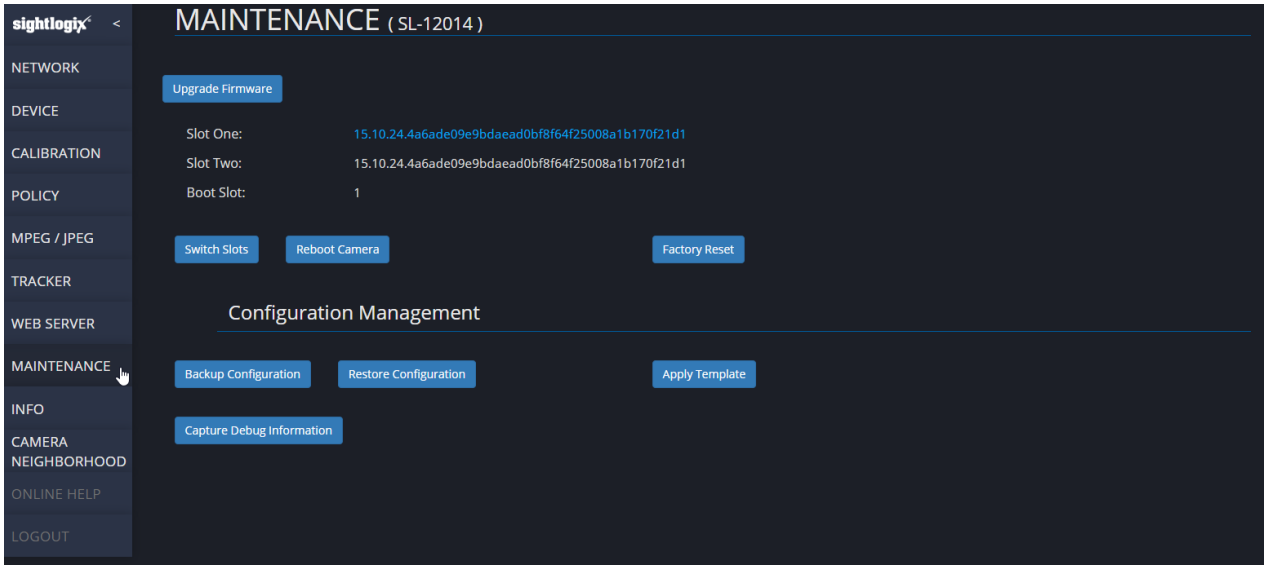
Last Modified on 07/27/2021 3:41 pm EDT

There are two methods for upgrading SightLogix devices: Using the browser-based WebConfig or the Windows-based 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.



- 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

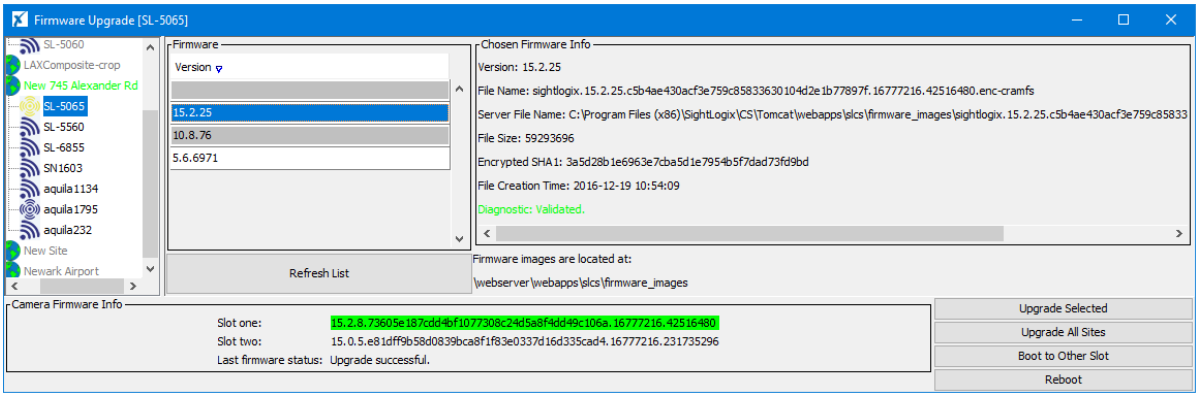
1. Double-click the downloaded file received from SightLogix Support and advance through the screens by clicking *Next*.
2. When the site license agreement screen appears, accept the terms as listed. You will not be able to continue unless you accept the terms as shown. Click *Next*.
3. When prompted, 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\webapps\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).



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, click*Reboot*.

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.

1. 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
6. Name the directory where the files are contained with the SightMonitor version recorded in Step 1 (i.e. X_X_XXXX for X.X.XXXX). Thedatabase structure is specific to the major release of SightMonitor being used.
7. Start SightLogix service previously stopped in step 3.
8. 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.
10. Select RMB and select disconnect - icon will turn blue in color.
11. Connect new SightTracker by connecting RS422 analog video and apply power.
12. After SightTracker has initialized go to SightMonitor and select "Configure" in the SightTracker you are swapping.
13. In "Network" tab replace expected serial number with the serial number of the new SightTracker. Press "Save"
14. 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.

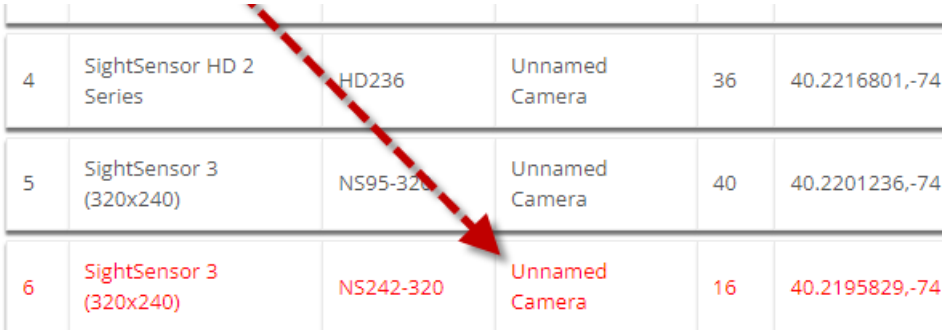
If you have existing SightSurvey designs that use an 320x240 NS3 or TC3, it's very easy to replace them with a comparable 384x288. This tutorial shows you how.

How To Distinguish an EOL Camera

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

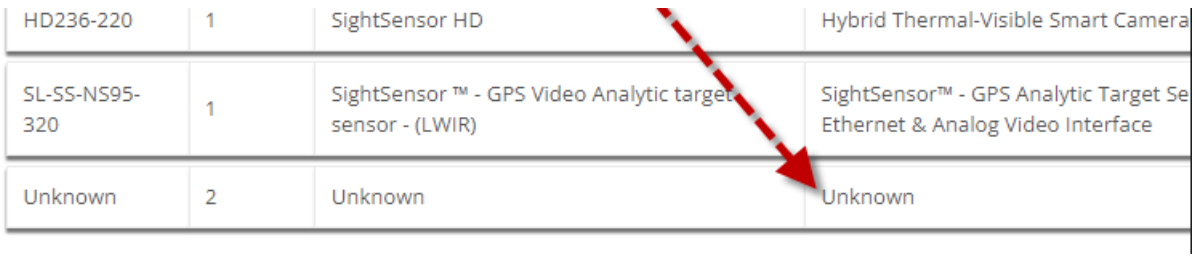
- Camera icon is greyed out in your design

- 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)	NS95-32	Unnamed Camera	40	40.2201236,-74
6	SightSensor 3 (320x240)	NS242-320	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 **automatically** 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?

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

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

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-third-party-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:

1. 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.
2. 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.)
3. 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).

TCP	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.

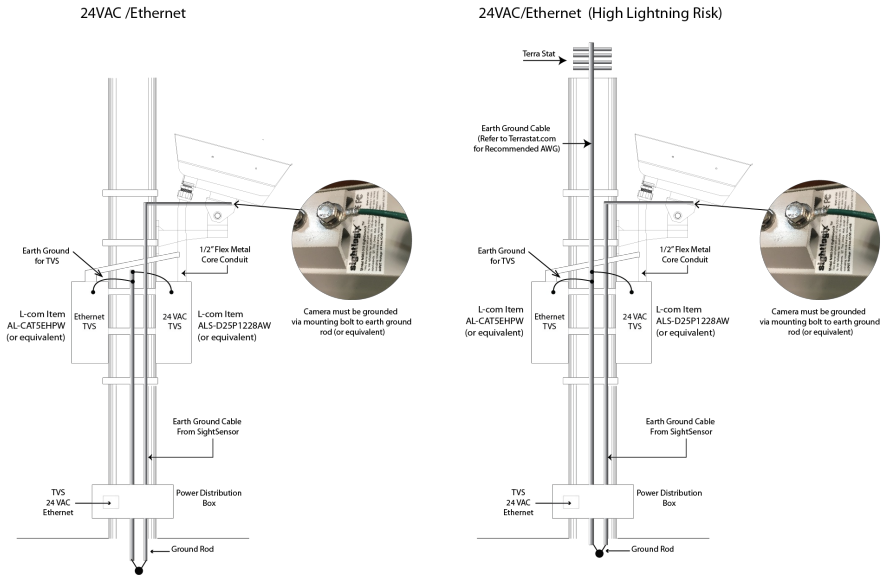
Outside of a direct lightning strike to a device itself, these surges most often enter the camera though the power and communication cables. To protect your equipment, install the suggested surge protection devices as outlined here. When installed properly as shown in this document, your equipment will 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-hi-power-lightning-protector-rj45-jacks

    - Power - ALS-D25P1228AW: http://www.l-com.com/surge-protector-weatherproof-lightning-surge-protector-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
    - 64-Bit Systems: C:\Program Files (x86)\SightLogix\CS\Tomcat\webapps\slcs\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

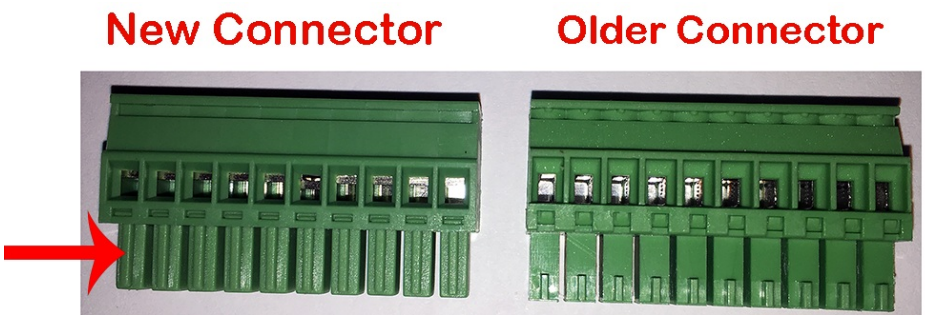
Last Modified on 04/27/2017 4:58 pm EDT

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 3rd 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.
- 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.

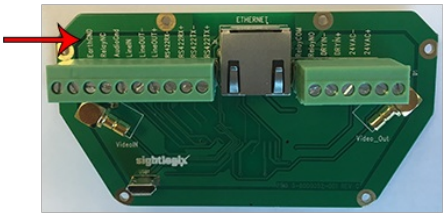


Use your existing wires to connect to the new IO connection plugs.

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



Older 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.

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.

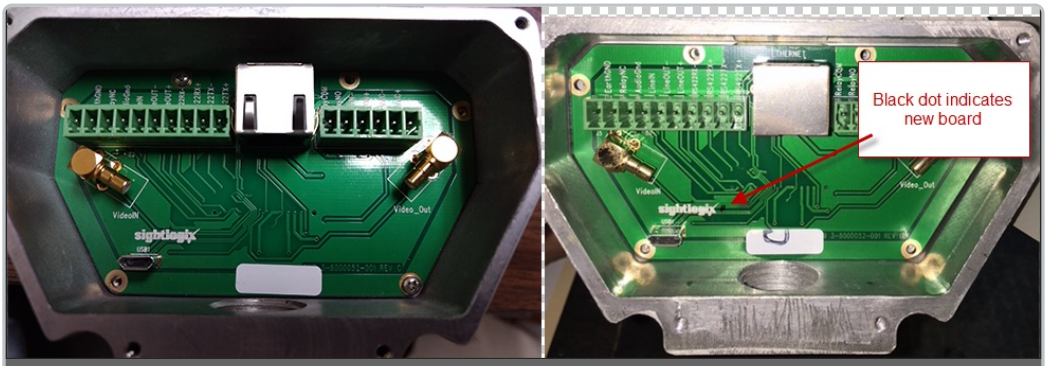
Follow instructions here: http://portal.sightlogix.com/help/factory-reset

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.



Old Versus New Board

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,

Remove the Back Plate

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

Remove Connector Board Screws

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

Remove Board from Back Pins

Board Removed

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

Place New Board

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

Reconnect New Board

6. Make your wiring connections as needed.

7. Replace the four screws of the back panel.

Replace the Back Panel

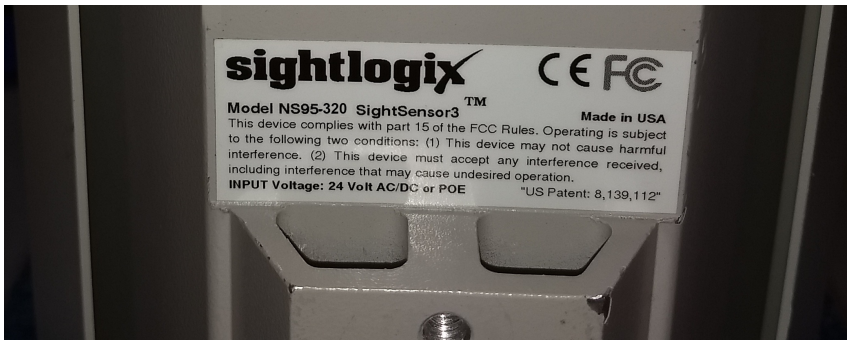
How to Replace a SightSensor Back Assembly

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.

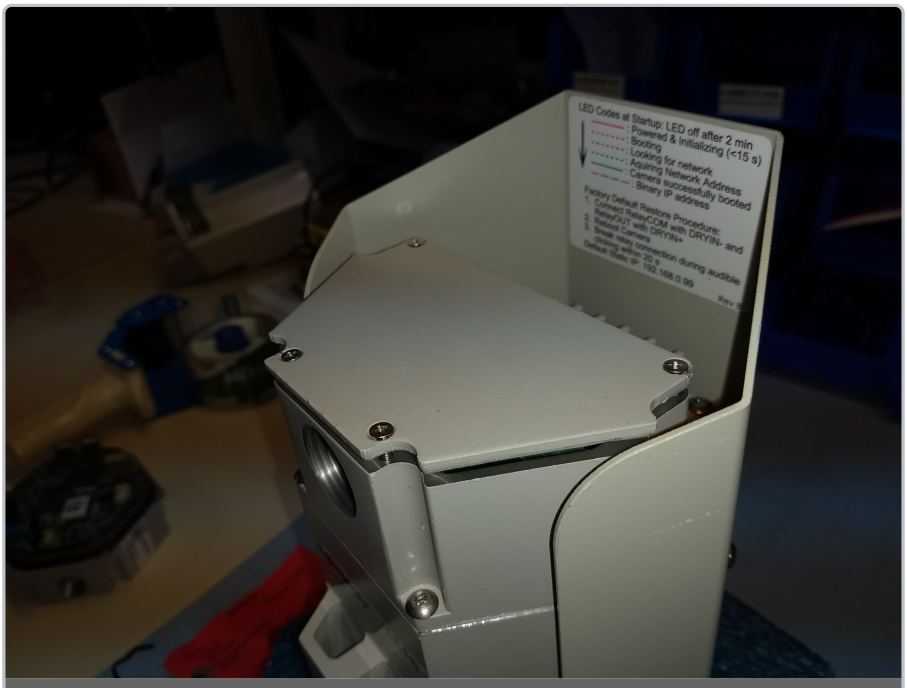


Tools Required

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

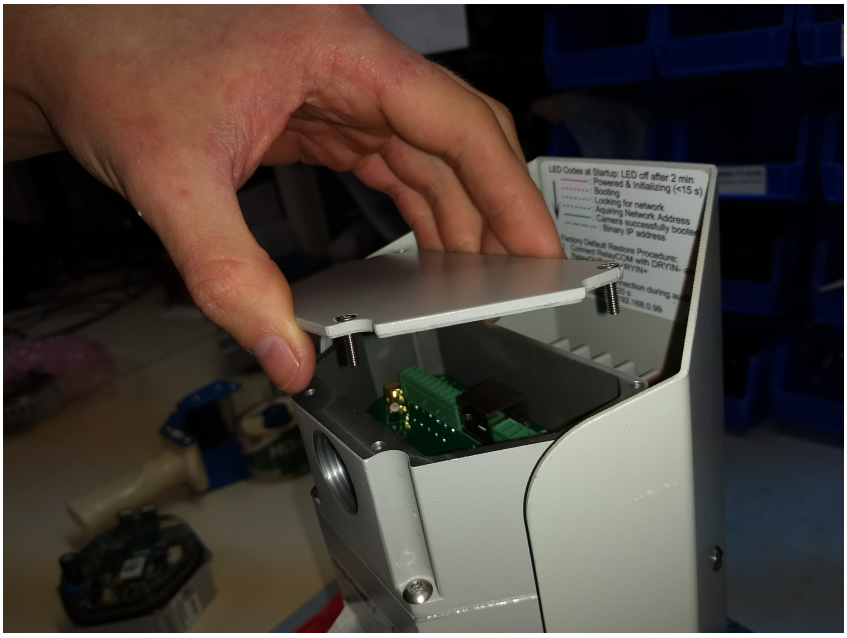
1. Loosen the four (4) rear Phillips screws on the backplate.

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.

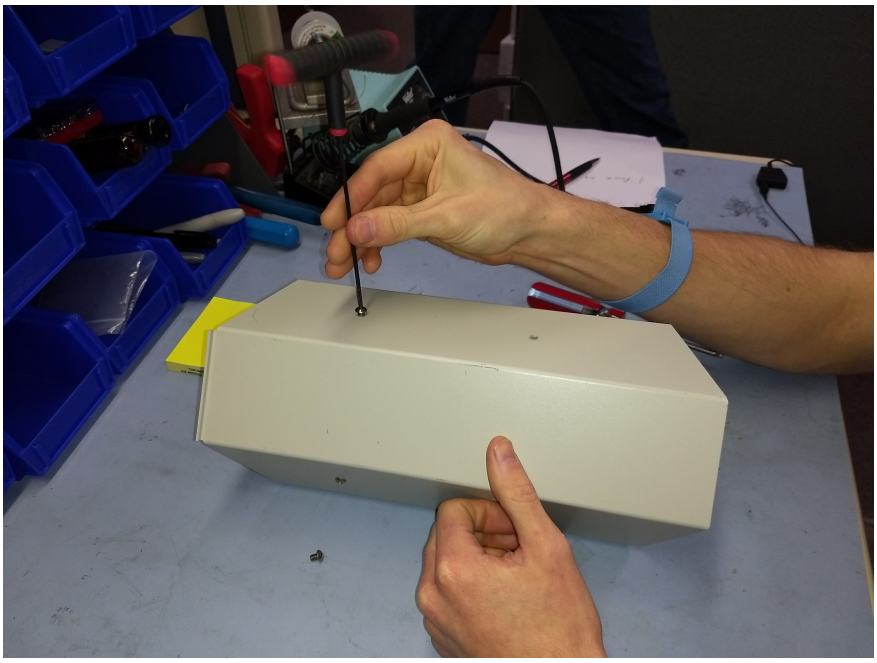


Captive Screws on Back Plate

2. Remove Back Plate from camera.



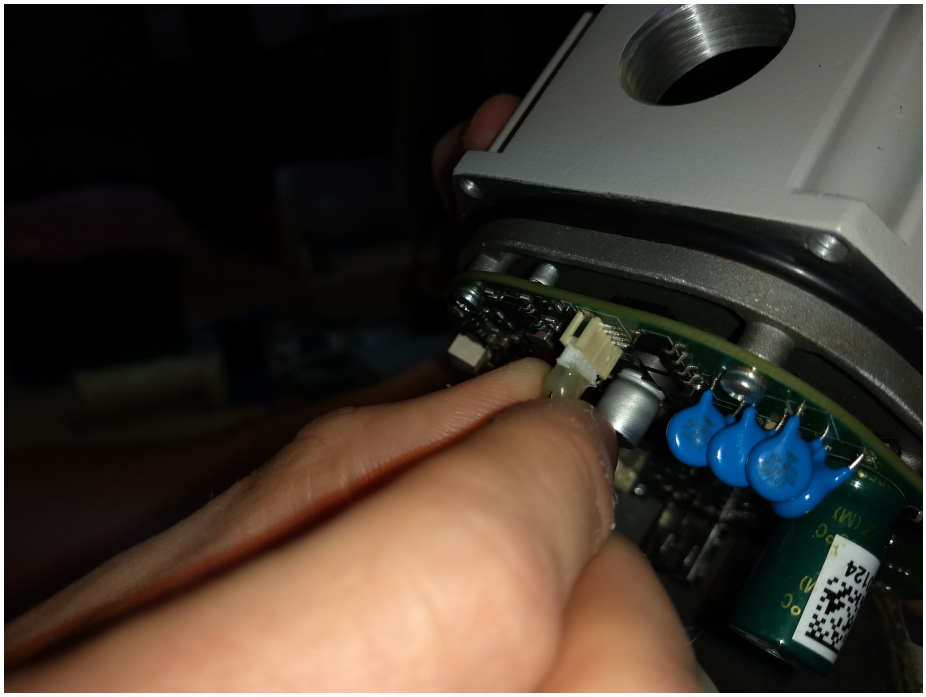
3. Remove the sun shield using 3/32" Allen wrench.



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

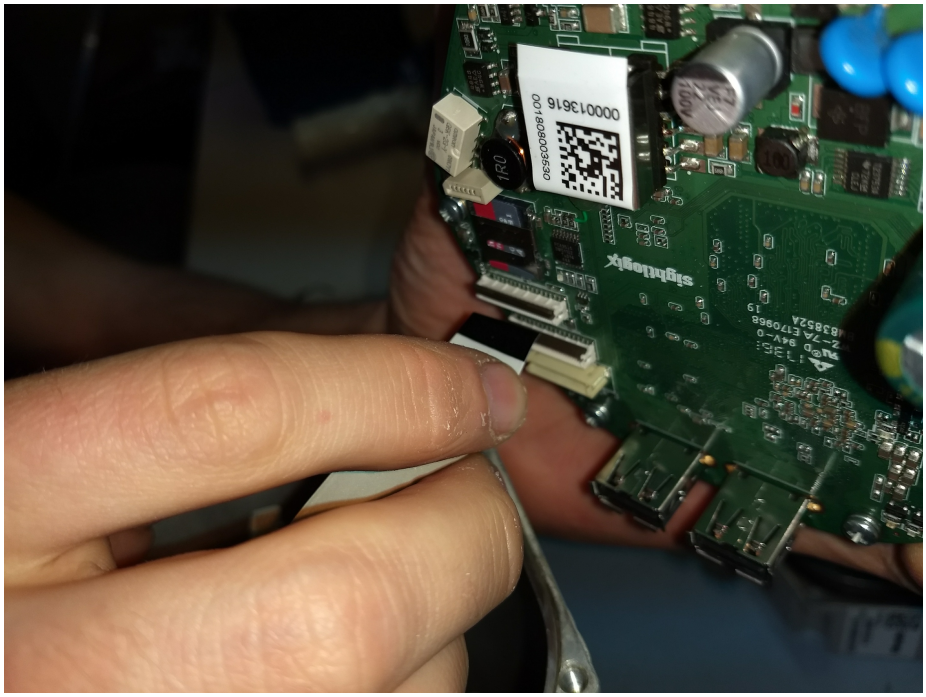
5. Pull back assembly back to reveal the connectors.

6. Unplug the heater cable.



7. Unlock ribbon latch.

8. Unplug ribbon cable.



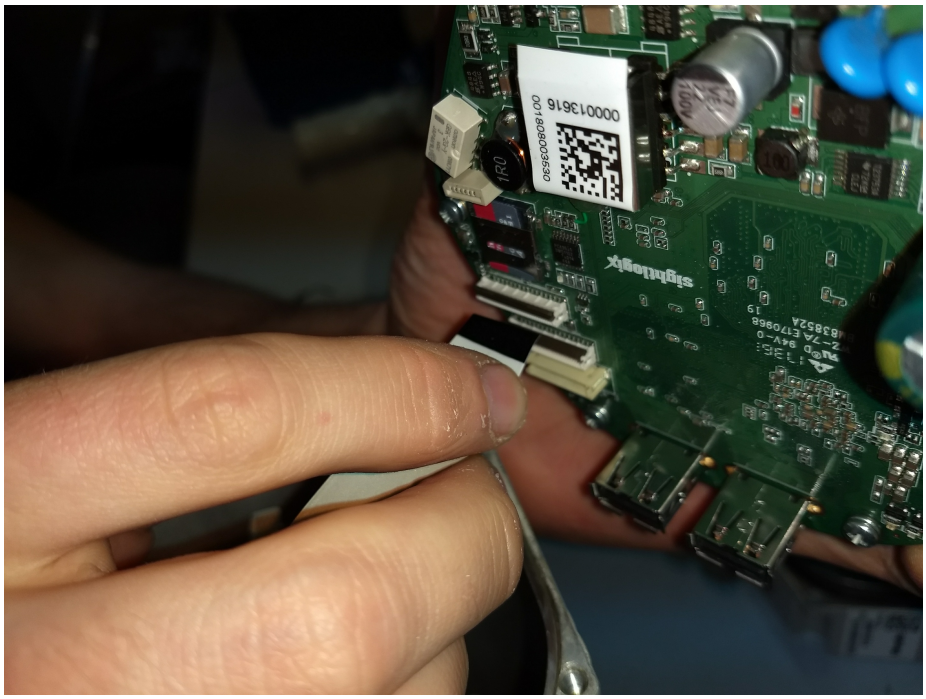
9. Set aside existing back assembly and obtain new assembly shipped from SightLogix.

New Back Board on Right

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.

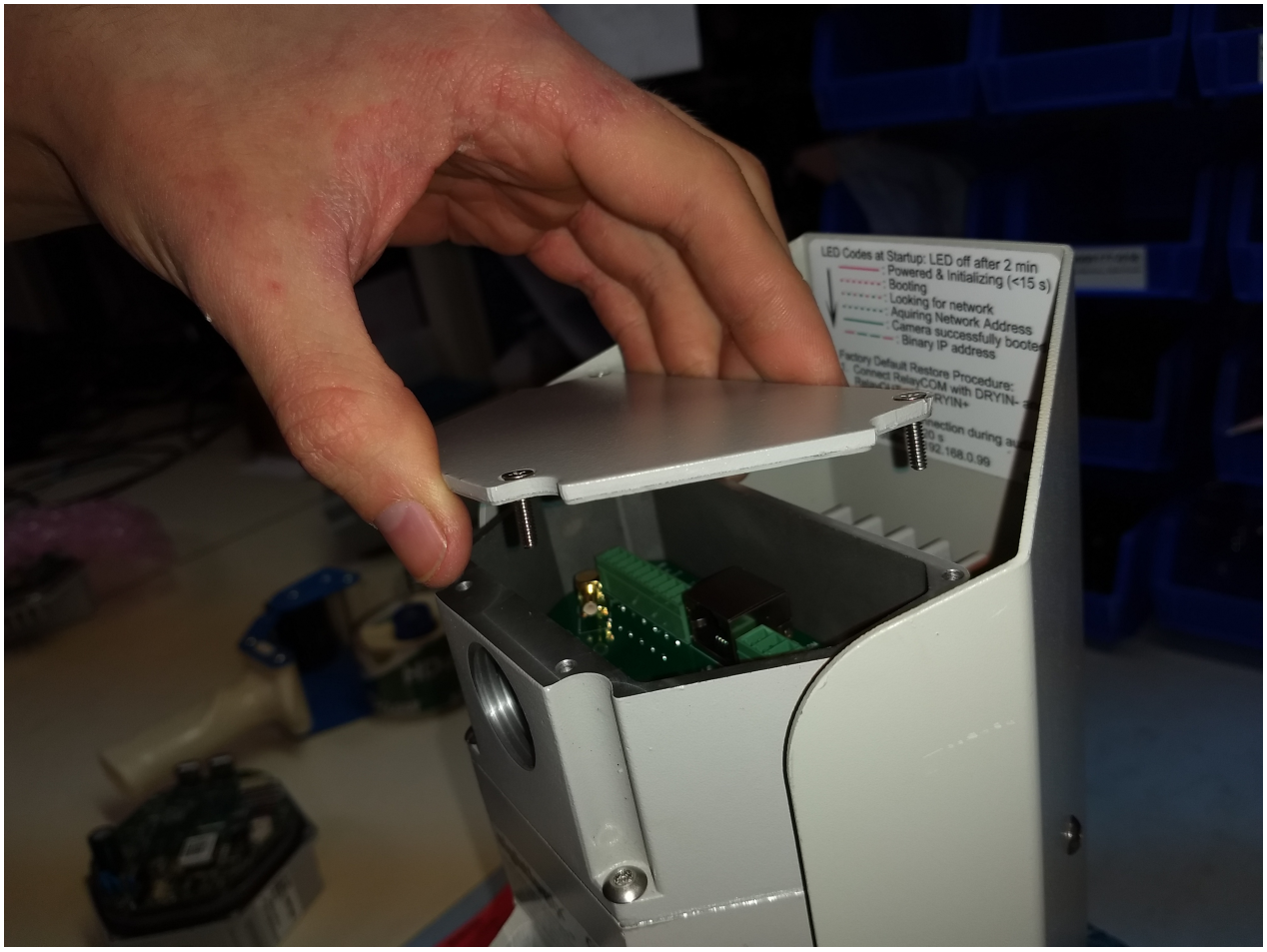


13. Reattach heater cable.

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.

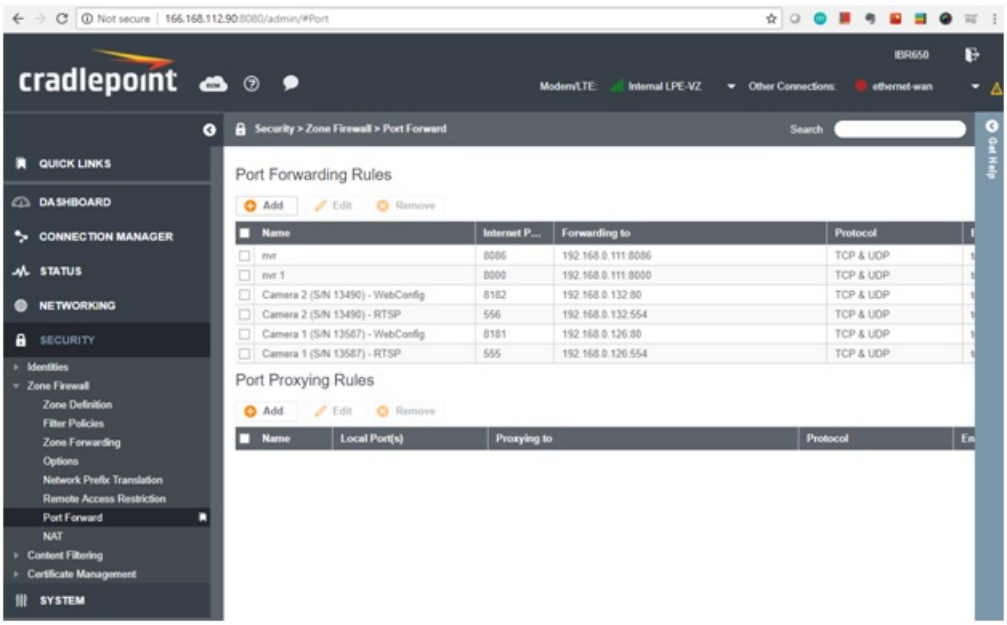
Background

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.

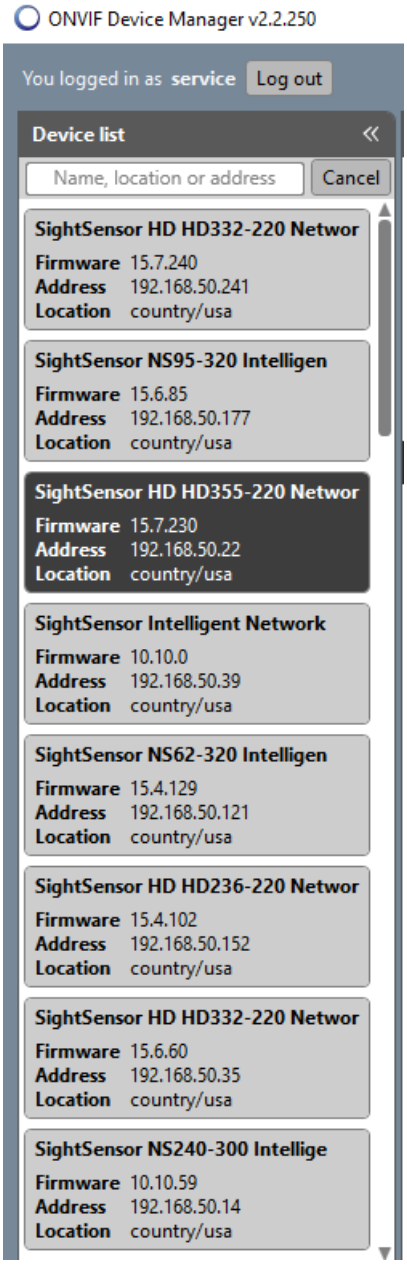

Not secure | 166.168.112.90:8080/admin/#Port
cradlepoint
IBR650
Modem/LTE: Internal LPE-VZ
Other Connections: ethernet-wan
Security > Zone Firewall > Port Forward
Search
Get Help
QUICK LINKS
DASHBOARD
CONNECTION MANAGER
STATUS
NETWORKING
SECURITY
Identities
Zone Firewall
Zone Definition
Filter Policies
Zone Forwarding
Options
Network Prefix Translation
Remote Access Restriction
Port Forward
NAT
Content Filtering
Certificate Management
SYSTEM
Port Forwarding Rules
Add
Edit
Remove
Name
Internet P...
Forwarding to
Protocol
nvr
8086
192.168.0.111:8086
TCP & UDP
nvr 1
8000
192.168.0.111:8000
TCP & UDP
Camera 2 (S/N 13490) - WebConfig
8182
192.168.0.132:80
TCP & UDP
Camera 2 (S/N 13490) - RTSP
556
192.168.0.132:554
TCP & UDP
Camera 1 (S/N 13587) - WebConfig
8181
192.168.0.126:80
TCP & UDP
Camera 1 (S/N 13587) - RTSP
555
192.168.0.126:554
TCP & UDP
Port Proxying Rules
Add
Edit
Remove
Name
Local Port(s)
Proxying to
Protocol

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.



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-system-installation-checklist.pdf)**- Preparing for your SightLogix system**
- **SightMonitor Installation Guide (Release 15.x)** (https://dyzz9obi78pm5.cloudfront.net/app/image/id/59c3d29aad121c00722bf112/n/sightlogix-thermal-sightsensor-installation-guide.pdf)
- **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-devices-odm)
- **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-access-webconfig)

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

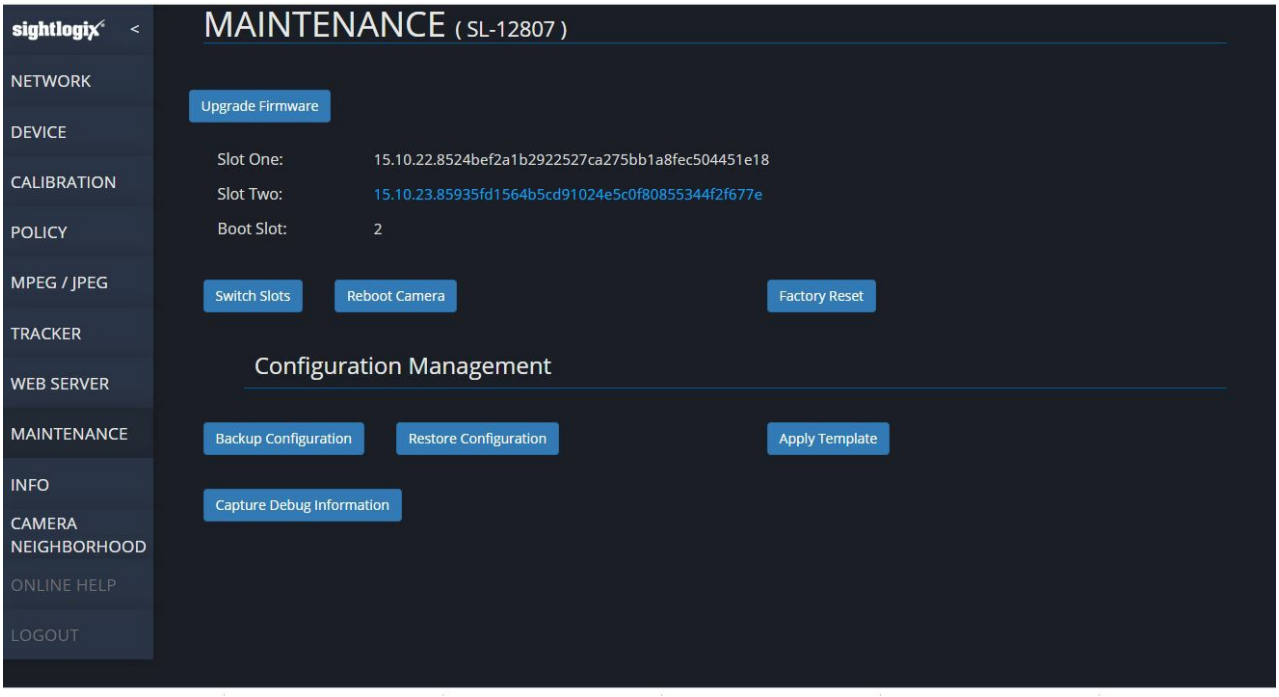
If you do not have login credentials, follow the hardware reset process below.

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



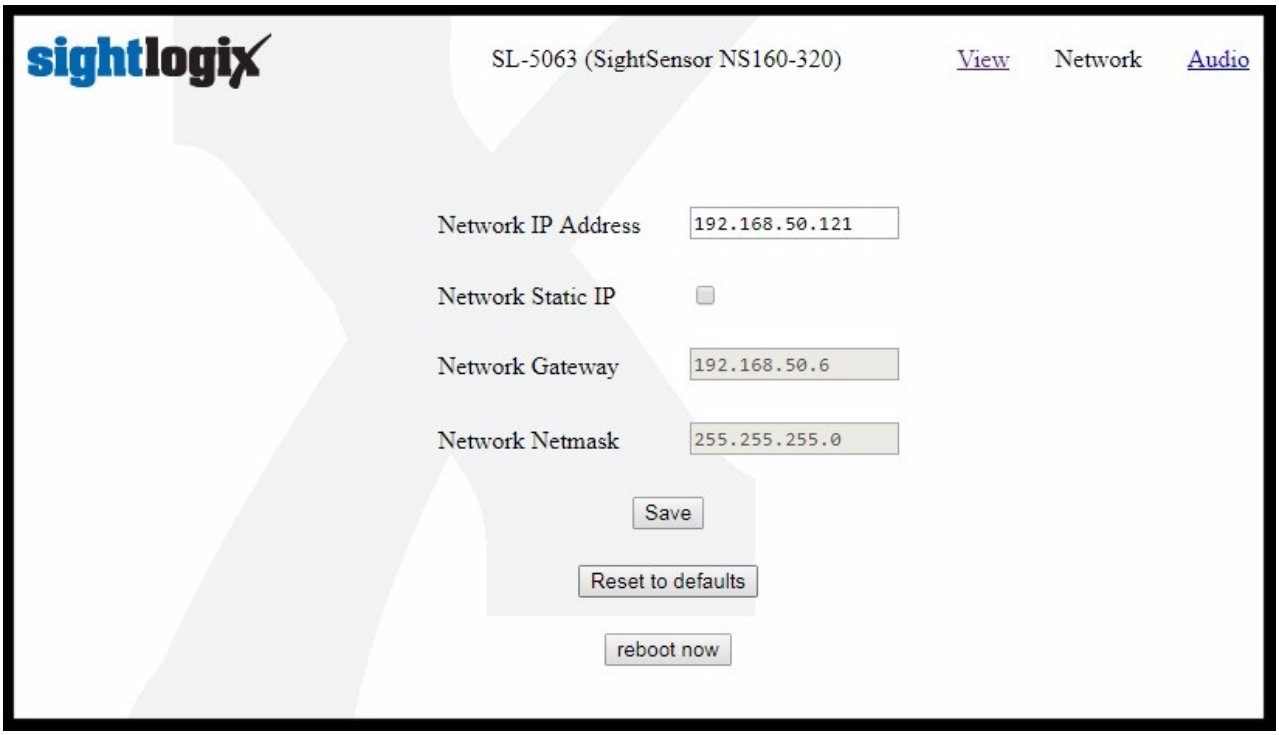
- Click Factory Reset.
- The device will restart, and retain the same IP address.

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.

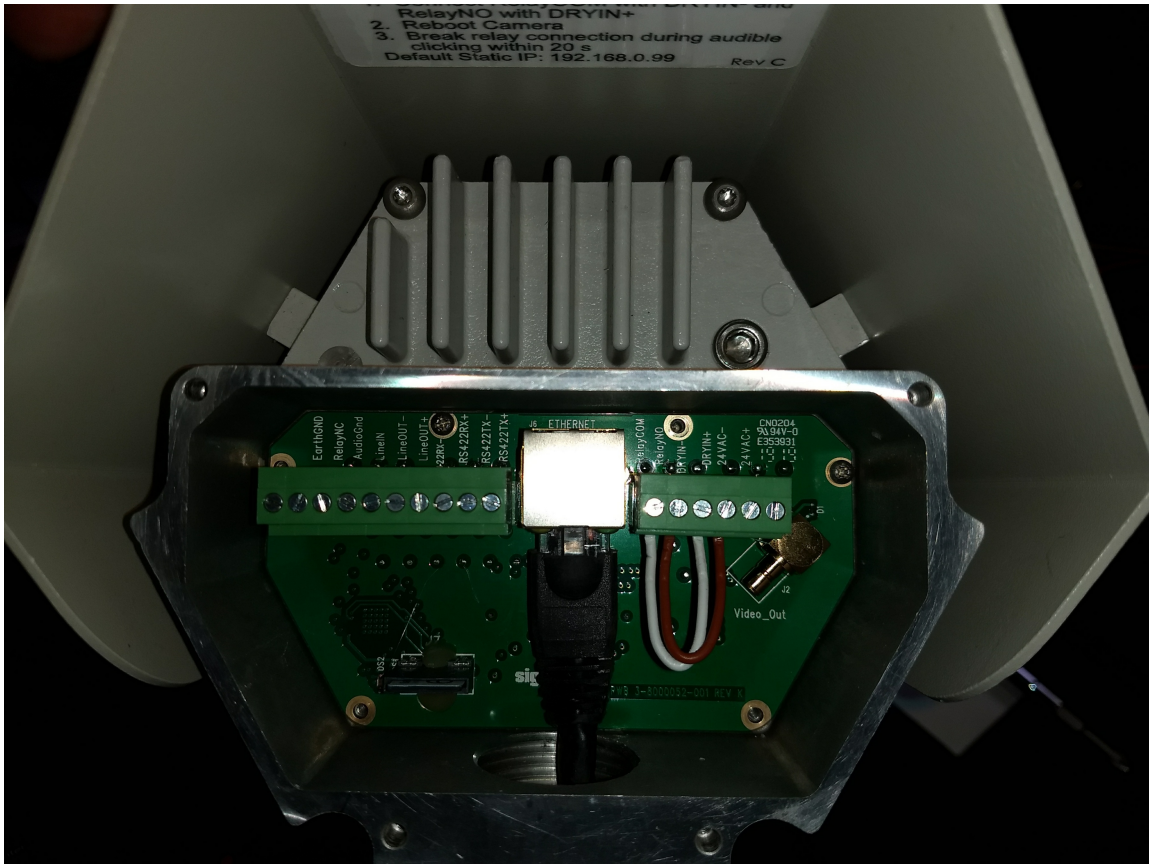


- Click "Reset to Defaults". (IP address information will NOT be changed.)

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/en-us/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.
//
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

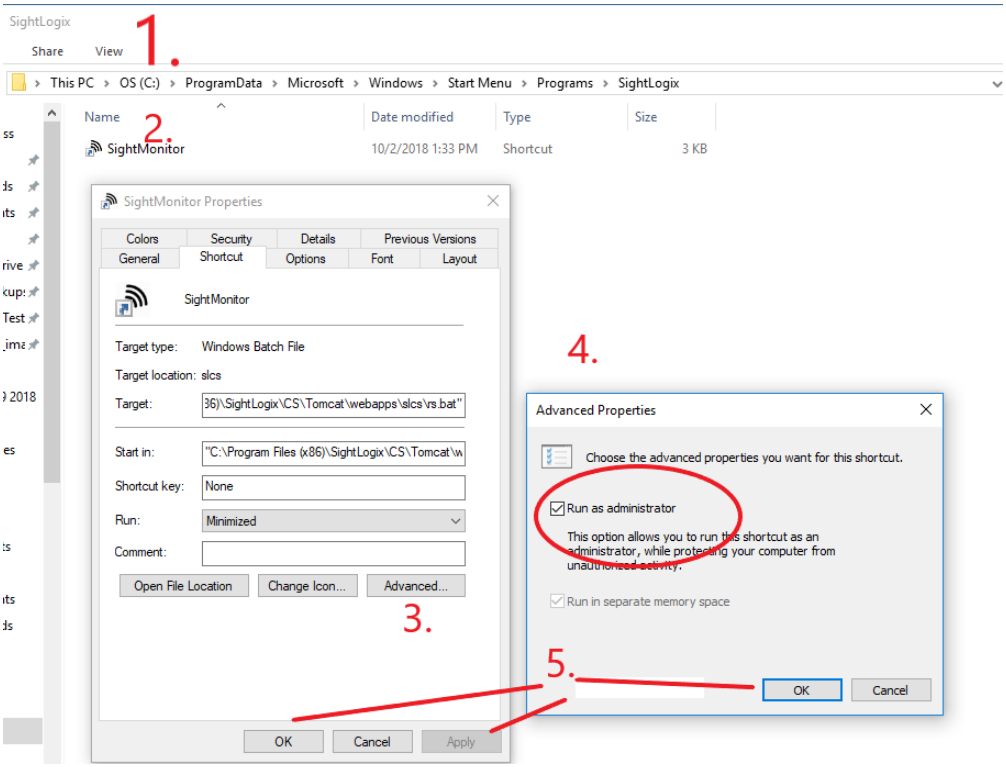
Run SightMonitor as administrator. Right click on the application link in the start menu and select "run as administrator".

Permanent solution

Configure the SightMonitor shortcut to always run as administrator:

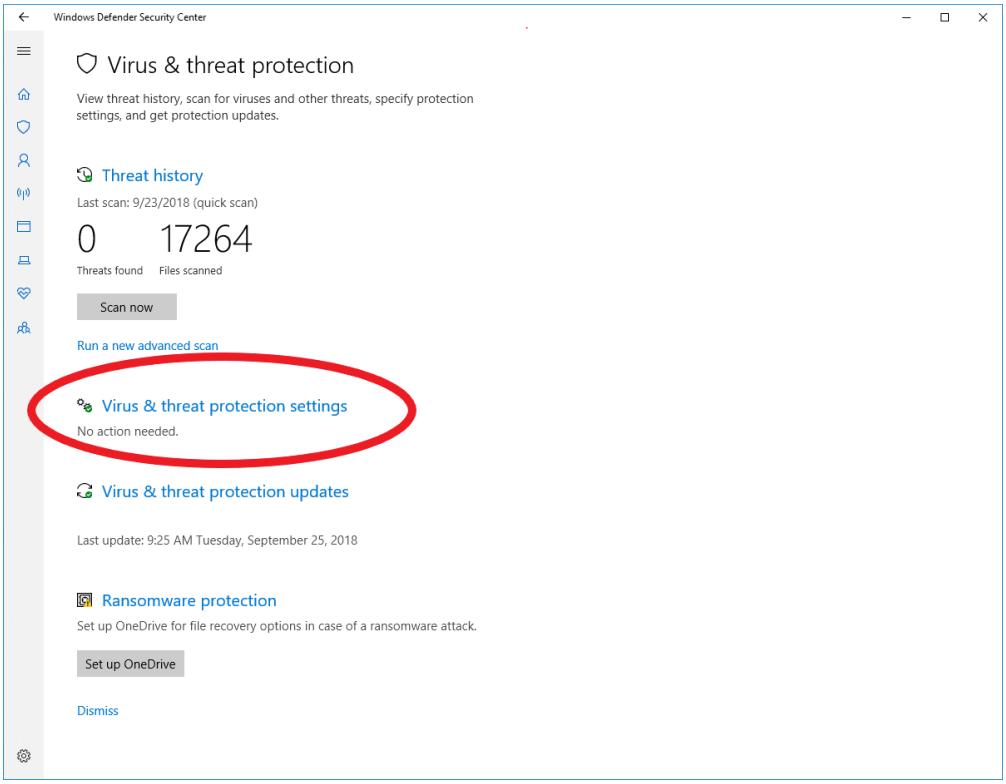
- Navigate to this file path: C:\ProgramData\Microsoft\Windows\Start Menu\Programs\SightLogix
- There should be a shortcut to open SightMonitor in this folder. Right click the shortcut and click Properties.

- In the Shortcut tab, click Advanced towards the bottom.
- Check the box that enables Run as administrator.
- Click OK, Apply, then OK.

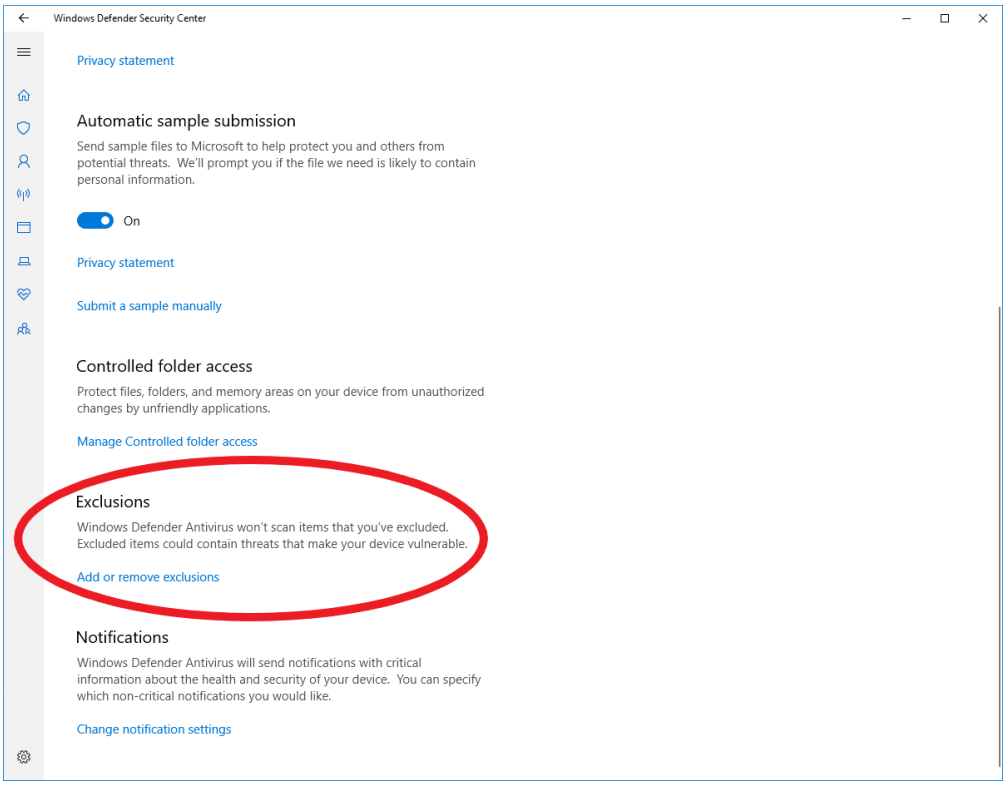


Next, make an exception to Windows Defender to ignore the component in regular virus scans: :

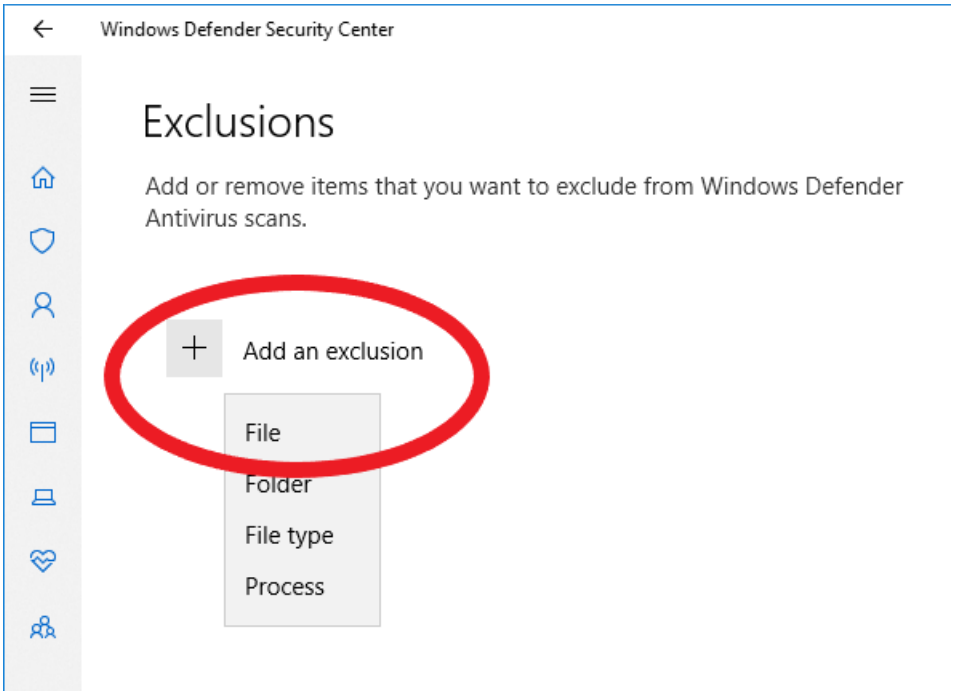
- Open Windows Defender Security Center.
- Click Virus & threat protection.
- Click Virus & threat protection settings, as shown



- Scroll to Exclusions, and click Add or remove exclusions.



- 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 1 0 0 1 0 1 0 0, 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 (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-slides-sightlogix.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-by-sightmonitor-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 not 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.
    - As always, be sure to back up your device before updating to the new AI firmware

AI Considerations

General Considerations

AI 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 continue to be detected 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

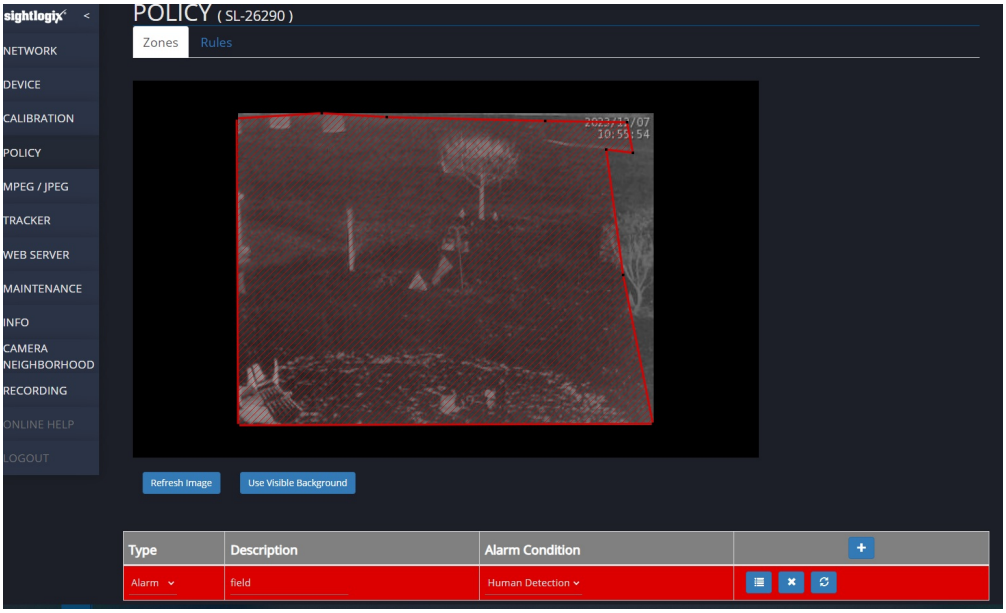
AI classification requires enough contrast between targets and background. High humidity, fog, or other environmental conditions can reduce contrast.

Human Posture

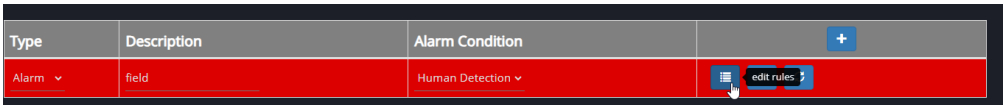
AI classification works best when people appear in full, upright position, rather than bent over towards the ground

How to Enable the AI Alarm Filter

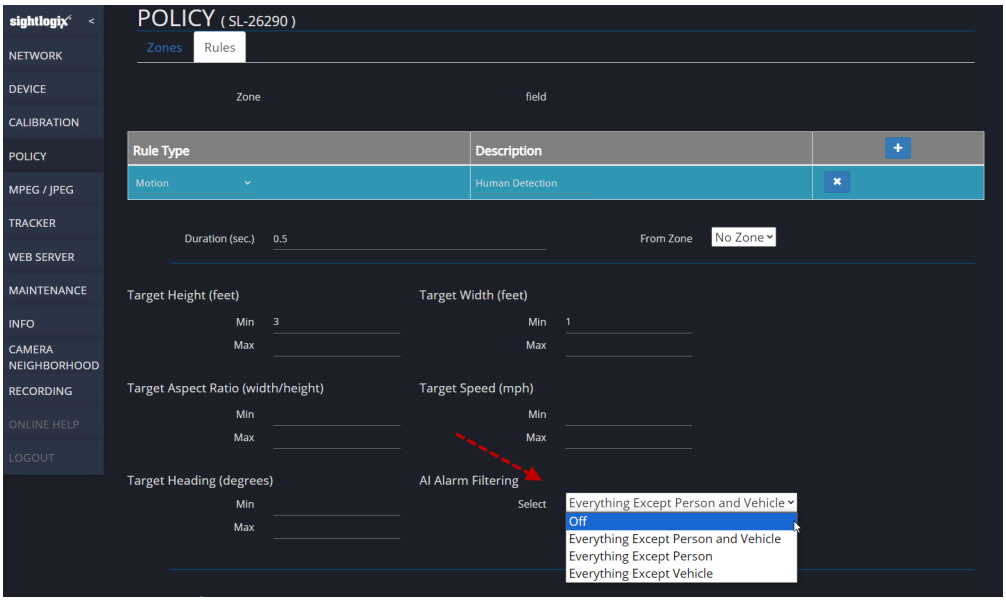
- Click Policy to reveal the Zones tab, as shown



- Click the Edit Rule button to open the Rules tab, as shown



- Scroll down to the AI Alarm Filtering section, as shown.



To enable AI, choose an option from the AI Alarm Filtering drop-down.

Four options are provided:

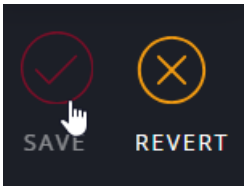
Off (Default). The Zone will not filter alarms based on AI.

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 directly improve the performance of your particular camera at that particular site.

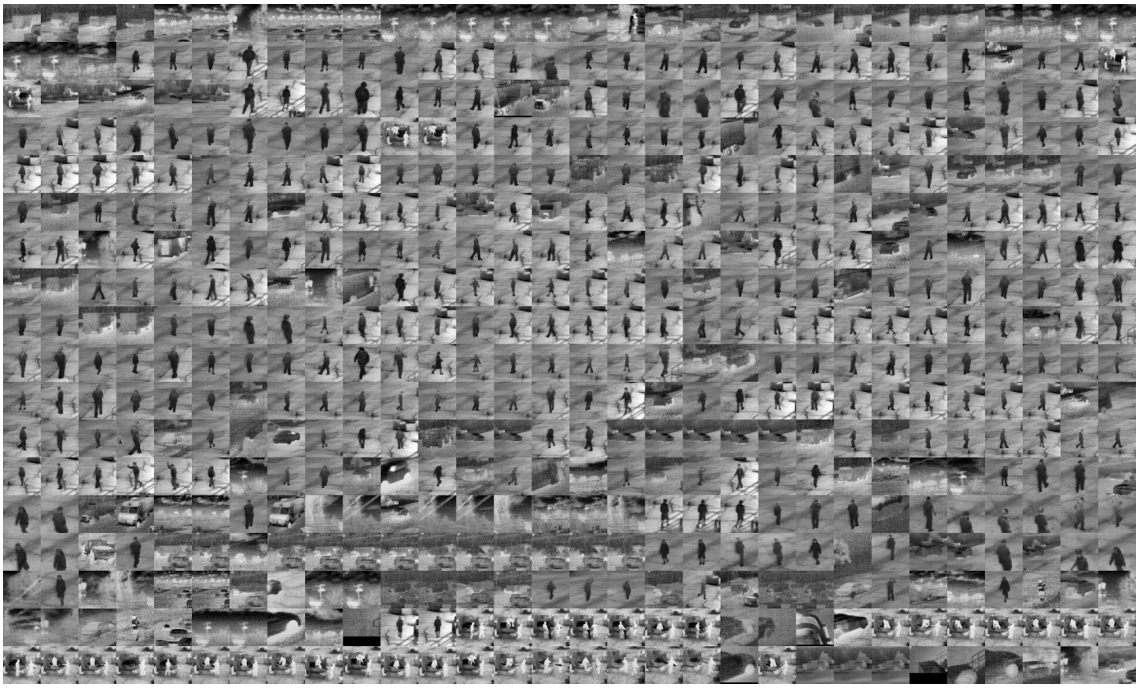
Note that the Capture tool can be enabled even if you have not enabled the AI filter.

- 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

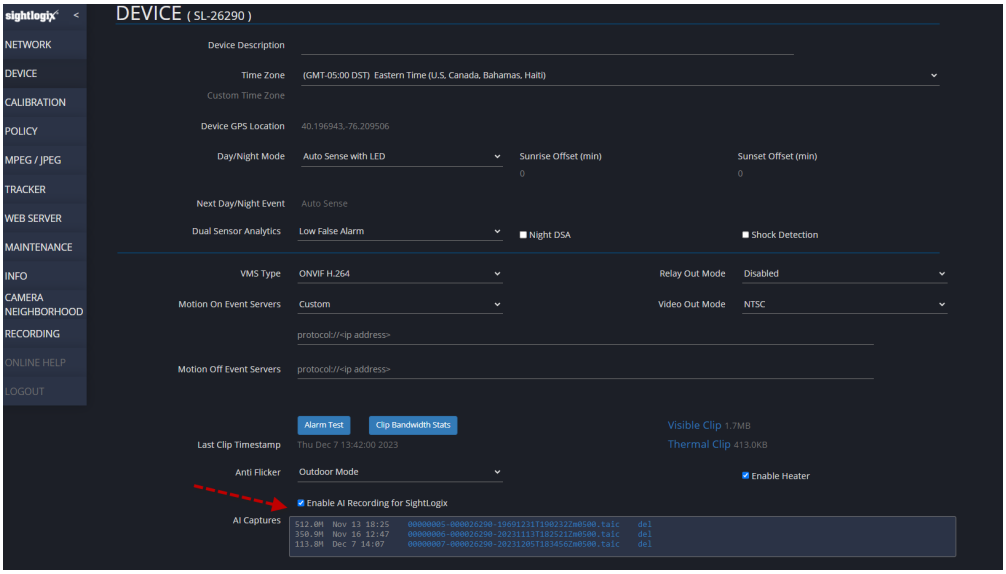
We have taken several steps to ensure the privacy of the capture taken by a SightSensor in the field:

- 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



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

- 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, remove 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.