Configuring IndigoVision

Last Modified on 09/25/2024 1:58 pm EDT

Tested with Indigo Vision 19.1 Tested with SightSensor Firmware 16.2.232 Tested with SightTracker PTZ Firmware 17.0.169 (SightSensor HD only tested with Indigo 15.1; earlier version compatibility not guaranteed)

Add SightLogix Devices as an ONVIF Device

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 and camera will reboot

sightlogix [*] <	DEVICE (SL-21540)			
NETWORK	Device Description	New Camera			
DEVICE	Time Zone	(GMT-05:00 DST) Eastern Time	(U.S, Canada, Baham	as, Haiti)	
LIVE VIEW					
CALIBRATION		Shock Detection			
POLICY	VMS Type	IndigoVision H.264		Relay Out Mode	Disabled v
MPEG / JPEG	Motion On Event Servers	Custom		Video Out Mode	NTSC ~
TRACKER		protocol:// <ip address=""></ip>			
WEB SERVER					
MAINTENANCE	Motion Off Event Servers				
INFO		Alarm Test Clip Bandwidt			
CAMERA NEIGHBORHOOD	Last Clip Timestamp	Alarm Test Clip Bandwidth No clips generated since last ca			
RECORDING					
ONLINE HELP	Heater Power Limit	30% 9.0W (sys) + 6.0V	V (heater)		Enable Heater
LOGOUT		Enable Al Recording for Sight	Logix		
\odot \otimes					

Adding SightLogix Devices to IndigoVision

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



IndigoVision Co	ntrol Center Indig	goUltra (Trial V	ersion) -	SightLogi	x_test										
File View Reco	rding Device	Site Alarms	Users	Alarm Gr	oups	Filters	Tools	Help							
🔕 Live 📘	Playback 🔅	Setup 🥑	• 7	Q	Ø	目目	×								
	Playback Vices bjects New Site New Sequen New Salvo New Guard T New PA Grou New Video V New Relay New Map Add Devices. Add Custom Create Speak Device Monit	Setup G Ce our p vall Objects cers io Messages Viessage	Ctrl+N		-				X	IP Address: Service ID: Location: Software: Recording Sch	192. iv://: DESk Indig	TTOP +H4GPTH 168.50.195 192.168.50.15 TTOP +H4GPTH IoVision Network Recordings	95/nvr M vrk Video Rec		St
	Work Offline														
	Properties														
	Delete	I	Delete												

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

Add Devices - Top Site						
To add devices to this site either select one or more discovered devices or enter the name and IP address.						
Device Type:				\sim		
Add as cloneable						
ODiscovered dev	ices:					
Name		IP Address		^		
SL-2820	4	192.168.50	.54			
SL-2823	9	192.168.50.183				
SL-2824	1	192.168.50.187				
SNP-632	20RH	192.168.50	.37			
SNP-632	20RH	192.168.50	184			
				~		
			Select A	I		
Enter device de	tails:					
Name:	192.168.50.11					
IP Address:	192.168.50.11					
Type:	Third party cameras			\sim		
	ОК	Cancel	Help			

Note that the Name field does not work during the adding procedure. If you want to change camera name:



- Add the device
- Right click on the device -> Properties
- In the Details tab, select "Use Custom Name" and enter new camera name

SL-21540 Properties			×
Details	Display Name:	OUse Device Name	
Live Video		Use Custom Name	
Recording			
Device Access		SL-21540_testcamera	
Custom Camera Overlay	Matrix Number:	1	
On Screen Display	Location:	USA	
PTZ	Device Name:	SL-21540	
Fisheye	IP Address:	192.168.50.11	
Hidden Zone	UTC Time:	23 Sep 2024 15:01 UTC	
Analytics Configuration	Local Time:	Unavailable	
Decoder Options	Software:	ONVIF Transmitter	
	ONVIF Streaming Profiles:	unknown	
	Service ID:	urn:uuid:9a3dd866-79ba-11ef-b14c-29f419802eba	

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

- Select the "Add as cloneable" checkbox before adding
- 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 the "Live Video" tab, and change the streaming profile to profile 1.

ails • Video	Use same se	ettings as parent site		
	Users:			
cording	Name	Stream Settings		
vice Access	👤 Default	H264, Connection: Re	eliable	
tom Camera Overlay				
Screen Display				
<u>.</u>				
ieye				
den Zone			Add	Remove
alytics Configuration	Default stream	n settings		
coder Options	Use same	video profile:		
	ONVIF P	rofile Token:	profile1	\sim
	Switch vio	leo profiles:		
	ONVIF Pr	ofile Token (High Res):		\sim
	ONVIF Pr	ofile Token (Low Res):		~
	Connection:			

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• Set the Recording to profile 1

SL-28239 Properties

Details	Primary NVR						
Live Video	Use same settings as parent site						
Recording	Use this NVR: DESKTOP-H4GPTHM						
Device Access							
Custom Camera Overlay	Recording						
On Screen Display	Use same settings as p	arent site					
PTZ	Use camera's time sour	ce (recommended)					
Fisheye							
Hidden Zone	ONVIF Profile Token:	profile1					
Analytics Configuration	Recording Connection:	Reliable - RTP/RTSP/TCP 🗸					
Decoder Options							

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

IndigoVision Control Center IndigoUltra (Trial Version) - SightLogix_test							
File View Recording Device Site Alarms Users Alarm Groups Filters Tools Help							
💿 Live 📙 Playback 🧔 Setup 🕢 🕐 🕐 🖉 🗶							
Video Explorer 🕴 🗴	[001] SL-21540_testcamera						
Gill Devices Guston Objects Gold Top Site Gold T	IP Addresse 192, 168, 50, 11 Service ID: urmund/s5320686-758a-11ef 614 256419802eba Location: USA USA Software: OWUP Transmitter (v16.2.232)						
DESKTOP-H4GPTHM	Recording Schedule Recordings Configure Status Access Permissions Surrounding Cameras						
Web Pages	There are no items to show in this view.						
	New Recording Job Enable Disable Copy to Properties Delete Delete						

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

×

New Recording Jol	New Recording Job - SL-21540_testcamera						×
Recording Times							
24/7 All the time	(24/7)						
E From: 18:0	0						
Mon	🗹 Tue	🗹 Wed	🗹 Thu	🗹 Fri	Sat	Sun	
Until: 08:0	0						
🗹 On sam	e days as fi	rom time					
🗹 Mon	🗹 Tue	✓ Wed	🗹 Thu	🗹 Fri	Sat	Sun	
 ✓ Enabled ☐ Record audio ☐ Record metada ✓ Use camera's t 		(recomme	nded)				
Profile Token:	profile 1					\sim	
	Name: MP Video: 300 Audio: <u< td=""><td>00 Kbps Mi</td><td>PEG-4 @ 38</td><td>34x288</td><td></td><td></td><td></td></u<>	00 Kbps Mi	PEG-4 @ 38	34x288			
Connection:	Reliable -	RTP/RTSP	P/TCP			\sim	
Stream Validation:	ОК						
			OK	Ca	ncel	Help	

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

O IndigoVision Control Center IndigoUltra (Trial Version) - SightLogix_test		- 🗆 X
File View Recording Device Site Alarms Users Alarm Groups Filters Tools Help		
💿 Live 📘 Playback 🧔 Setup 🕢 🕜 📿 🖉 🔚 🗙		
Video Explorer 🛛 🕸 🚺	[001] S21540_testcamera	
Wisible Devices	IP Address: 192.168.50.11	
- tustom Objects	Service ID: umoudd;9a/3dd866-79ba-11ef-b14c-29F419802eba Location: USA	
8-1 (001) Top Site	Softwire: ON/IF Transmitter (v16.2.232)	
4 [001] SL-21540_testcamera		
DESKTOP-H4GPTHM	Recording Schedule Recordings Configure Status Access Permissions Surrounding Cemeras	
Web Pages	NVR ^ HTTPS Details Audio Metadata Status	Mode
	207 DESKTOP-H4GPTHM All the time	Primary

Alarm Setup Procedure

1. Creating a New Zone

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

• Go to the Alarms Explorer tab in the Setup view and right-click a site. Select New Zone...

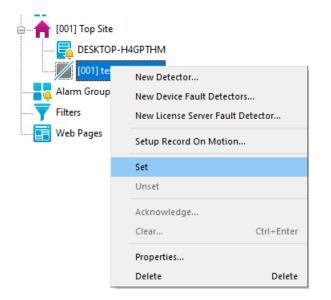
The New Zone dialog opens

New Zone Prop	erties	×
Zone		
Zone Na	ame: test_alarmzone]
Matrix Nun	iber: 1	
Alarm Server:	DESKTOP-H4GPTHM	
Schedule:	None	
Priority:	5 High	
	Highest priority = 1 and lowest priority = 10	
	OK Cancel Help	

- 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.

- Configure the zone alarm to show in the timeline
- Right click on the new zone and select "Set"



Set the video source of the zone to the camera to view the alarm on the timeline

• Right click on the zone, select Properties -> Video Source -> Enable Video Source



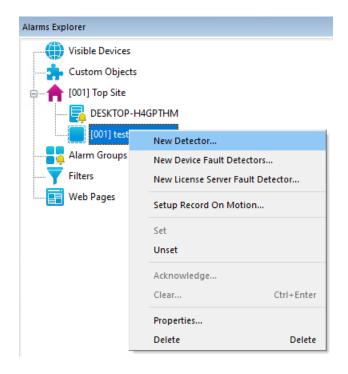
• Select your camera

test_alarmzone Properties		×
Zone Alarm Sound Video Source	Calvo: None None	~
Protection Procedure	Camera: Compared to preset:	~
	Show looped replay video Pre/Post replay time: 5 ↓ Seconds ↓ Listen to video source audio ↓ Show analytics on video source	
	OK Cancel	Help

2. 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 Basic Analytics as the type of event that will activate the detector, and click Next.

New Dete	ctor Set Up	×
Name:	New Detector 1	
Zone:	<pre>test_alarmzone</pre>	
Type:		
	dvanced Analytics	
🛹 В	asic Analytics	
🔰 🕈 c	yberVigilant in Camera	
🗐 🗐 D	igital Input	
>> D	ouble Knock	
🗐 E	xternal	
O U	nhandled Alarm	
	< Back Next > Cancel	Help

• Select the camera for this Detector and click Next.

			~
n Top Site			
Name		IP Address	
SL-2154	40_testcamera	192.168.50.11	
<			>
	Compatible		>
Compatibility:	Compatible		>
Compatibility:	Compatible All Filters		>
Compatibility:			
Compatibility:			

• Set the dwell time if necessary and click Next

Detector Deactivation Options	×
Dwell Time Choose how long the detector stays active after the deactivation event: Dwell Time: The seconds	
Deactivation Event	
Deactivate on a different event	
Advanced Analytics	
 Basic Analytics CyberVigilant in Camera 	
Digital Input	
>> Double Knock	
< >	
< <u>B</u> ack <u>N</u> ext > Cancel Help	

• Click Finish

Detector Sum	ımary	×				
Click Finish t	to create the new detector.					
R	New Detector 1					
Zone:	test_alarmzone					
Alarmable:	Yes					
Dwell Time:	0 seconds					
Activation	Event					
Ř	SL-21540_testcamera : Video Analysis					
Deactivat When act	ion Event tivation event returns to normal					
	< Back Finish Cancel H	ielp				

Note for SightSensor HD: Repeat the zone and detector steps for the cloned camera.

Verifying Alarms and Alerts

Select the Playback tab in the Site explorer window to review video and alarms. The zone alarm appears as a red line. Camera alarms appear as white lines (detector activations).



Each Zone alarms will appear in the Alarm window.

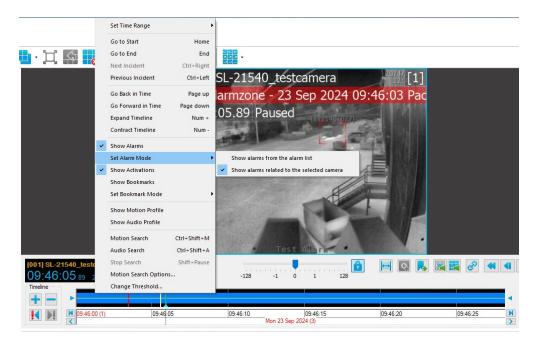
Alarms (1)									
	Gurrent alarms (1)								
		Name	Priority	Site	Time	Owner			
		test_alarmzone	5	Top Site	23 Sep 2024 08:14:48 Pacific Daylight Time	None			
- 40									
\$									
~									

- Right click on the blue timeline and make sure "Show Alarms" is checked.
- Right click on the blue timeline and make sure "Show Activations" is checked.

There are several ways to view Zone alarms:

- Right click timeline -> Set Alarm Mode -> "Shows alarms from the alarm list". This will show all zone alarms in the timeline.
- Right click timeline -> Set Alarm Mode -> "Shows alarms related to the selected camera".

This will show alarms on the selected camera. The Zone must be set in order for this to show alarms



You will see the Zone turned red after an alarm occurs in the Alarm Explorer. The detector will be red during an alarm activation.



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