sightlogix

Configuring Avigilon Control Center 6 (SightSensor and SightTracker PTZ)

Last Modified on 10/28/2024 4:02 pm 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.

X Camera Configuration [SL-12012]	-	×
	Network Ethernet Wireless Camera MPEG JPEG Tracker Web Server		
SL-12004	Camera Description New Camera Test		
SL-12176	Imager Type IR 🗸		
SL-12987 SL-13276	Time Zone EST5EDT V		
SL-5063	Auto Focus		
(@) SL-5498	Manual Focus 4096.000000		
SL-5834 SL-6855			
aquila 1607	Hi Def Day/Night Mode Reserved 🗸		
···· 🌍 Saturn Plant	Sunset Offset (min.) 0		
	Sunrise Offset (min.) 0		
	Motion On Event Servers		
	Motion Off Event Servers		
	VMS Type ONVIF H.264	5	
	Enable Event Audio		
	Enable Opto In		
	Relay Out Mode Disabled V		
	Disable Stabilizer In Night Mode		
	Trailer Controller IP		
	Alarm Test		
	📳 Save Cancel		
< >			

Adding Devices with WebConfig

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



sightlogix*	CAMERA (SL-12012)					
NETWORK						
CAMERA	Camera Description	New Camera Test				
CALIBRATION	Time Zone Custom Time Zone	(GMT-05:00 DST) Eastern T	ime (U.S, Canada, Bahamas, Haiti)			
POLICY			Geolocate	_		
MPEG / JPEG	Camera GPS Location					
TRACKER	Day/Night Mode	Auto Sense with LED	Sunrise Offset (min)		Sunset Offset (min) 0	
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode	Disabled	
INFO	Motion On Event Servers	Custom				
CAMERA NEIGHBORHOOD	Would on Event Servers					
	Motion Off Event Servers					
	Last Clip Timestamp	Alarm Test Tue Jul 3 13:39:40 2018				
	Anti Flicker	Outdoor Mode				

Next, add devices individually as hardware units.

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

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		Seconded ►
Viev	v	Search
÷	Site Login	▼ III WIN-UOD41UBLIGS
2	Sile Login	💑 AXIS M1054(6598)
٩	Alarms	💑 Camera
		💑 Camera
Sear	rch	Gen2_23_DS100
_		SightSensor HD HD332-220 Networ
9	Events	🐝 SightSensor NS 160-300 Intellige 🐝 SightSensor HD HD 332-220 Networ
•1]	Motion	SightSensor NS 160-300 Intellige
"		SightSensor NS 160-320 Intellige
+	Thumbnails	SN1509
	Alarms	SightSensor NS 160-300 Intellige
٩	AldITTS	🐝 SightSensor NS 160-320 Intellige
	Bookmarks	SightSensor HD HD236-220 Networ
Ехро	ort	
.	Export	
0	Archive	
Man	age	
\$₀	Site Setup	
щQ	Site Logs	
Å	User Connections	
∎©	Site Health	

• Click Connect/Disconnect cameras.

Ven 1 * Ste Lagn * Connect/Discover: Search Q Search Q W194-00043.81.05	Coneras K Settap K	+			WIN-UOD41UB	165			0 0
	General	Ste Name	Users and Groups	((♣)) Alarms	External Notifications	Rules	Backup Settings	Restore Settings	
		Ste View Editor	Nanage Ste	Connect/Disconnect	Site Upgrade	R License Management			
		Ste Vew Editor		Connect/Disconnect Cameras	Site Upgrade	License Management			

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



• Username/password is service/test1234

P Find Camera WIN-UOD41UBLIGS *			
iscovered Cameras			
Name		IP Address	Type
AXIS M1054(6598)		192.168.50.158	Axis (ONVIF)
SightLogix_		192.168.50.189	OW/IF
SightLogix_HD220-220		192.168.50.107	ONVIF
SightLogix_HD220-220		192.168.50.185	ONVIF
SightLogix_HD236-220		192.168.50.143	OW/IF
SightLogix_HD236-220		192.168.50.51	ONVIF
SightLogix_HD332-220		192.168.50.102	ONVIF
SightLogix_HDXXX		192.168.50.125	OW/IF
SightLogix_HDXXX		192.168.50.173	ONVIF
SightLogix_NS???		192.168.50.76	ONVIF
SightLogix_NS145-600		192.168.50.110	ONVIE
SightLogix_NS160-300		192.168.50.105	ONVIF
SightLogix_NS195-600		192.168.50.180	ONVIF
SightLogix_NS35-320	Find Camera	>	K ONV2F
SightLogix_NS60-320			OW/IF
SightLogix_NS95-300	Search From Server:	WIN-UOD41UBLIGS ·	ONVIF
	Search Type:	IP Address •	
onnected Cameras Name	Camera Type:	ONVIF	Mod
			Mod
WIN-UOD41UBLIGS	IP Address/Hostname:	192.168.50.143	
	Control Port:	80	
	User Name:	service	
	Password:		1

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

Find Camera Show All Servers 🔻				
overed Cameras				
Name	IP Address	Туре	Model	MAC Address
AXIS M1054(6598)	192.168.50.158	Axis (ONVIF)	M1054	00:40:8C:DA:19:C6
SightLogix_	192.168.50.189	ONVIF		
ightLogix_DS100	192.168.50.23	ONVIF	DS100	
ightLogix_HD220-220	192.168.50.107	ONVIF	HD220+220	
ightl.ogix_HD220-220	192.168.50.206 192.168.50.187	ONVIF	HD220-220 HD236-220	
ightLogix_HD236-220				
ghtLogix_HD332-220	192.168.50.102 192.168.50.35	ONVIF	HD332-220 HD332-220	
ghtLogix_HD332-220	192.168.50.35 192.168.50.173	ONVIF	HD332-220 HDXXX	
jhtLogix_HDXXX jhtLogix_NS120-300	192.168.50.173	ONVEF	NS120-300	
htt.ogix_NS145-600	192.168.50.105	ONVE	NS145-600	
httogix_NS145-620	192.168.50.110	ONVIF	NS145-620	
httogix_NS160-300	192.168.50.105	ONVIE	NS160-300	
htt.ogix_NS195-600	192, 168, 50, 180	ONVIF	NS195-600	
htt.ogix_NS200	192, 168, 50, 69	ONVIF	NS200	
htLogix_NS240-300	192.168.50.14	ONVIF	NS240-300	
ted Cameras				
Name	IP Address	Type Mode	MAC Address	Status
WIN-UOD41UBLIGS				
WTH-UOD41UBLIGS				
WIII-00041UBLIGS	SightSensor HD SE Network Camer Bran SightSensor HD SE Network Camer Br Ac SightSensor HD SE Network Camer Br Ac Camera is Disconnected to a server, its images are not being	være Version: 15.4.48 ddress; 192,165.50,143 Address; 102,185.50,143 Address; 102,185.50,143		

• Click Connect. The Connect Camera window opens.



Properties		
Connect to:	WIN-UOD41UBLIGS	•
Connection Type:	Primary	•
Camera Control:	Unsecure	
 Click to view locat 	ion	

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

scovered Cameras		IP Address		Model	MAC Address
Name		IP Address	Type	Model	MAC Address
Sight.ogx_H0332-220	29	2.168.50.241	ONVE	HD332-220	
SightLogix_NS777	19	2.168.50.76	ONVE	NS222	
Sight.ogx_NS120-300	29	2.168.50.183	ONNE	NS120-300	
Sight.ogx_NS145-600	29	2.168.50.110	ONVER	NS145-600	
Sight.ogix_NS145-620	19	2.168.50.165	ONVE	NS145-620	
Sight.ogix_NS160-300	19	2. 168. 50. 105	ONNOF	NS 160-300	
SightLegix_NS200	19	2.168.50.69	ONVER	N5200	
Sight.ogx_NS240-300	19	2.168.50.14	ONVER	NS240-300	
SightLogix_NS35-320	19	2.168.50.155	ONVO	N535-320	
SightLogix_N560-320	29	2.168.50.54	ONVER	N560-320	
Sight.ogx_NS75-620	19	2.168.50.18	ONVER	NS75-620	
Sight.ogix_NS95-300	19	2.168.50.22	ONVE	N595-300	
Sight.ogix_NS95-320	29	2.168.50.40	ON/0F	N595-320	
Sight.ogix_SE236	29	2. 168. 50. 123	ONVEF	SE236	
SightLogix_ST3-020	19	2.168.50.137	ONVER	ST3-020	
SHP-4320RH	19	2.168.50.37	OWD	SNP-6320RH	
nnected Cameras					
Name	IP Address	Type	Model	MAC Address	Status
WIN-UOD41UBLIGS					
SightSensor P 236-220 Networ	192.168.50.143	SightLogix (ONV2F)	SightSensor HD HD23	6-220 Networ 00:18:08:00:2E:F6	Connected

Setting Alarms

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

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

Wew 1 × Site Login × Sei	arch: Motion ×	Search: Event × Search	: Alarms × Connec	t/Disconnect Cameras ×	tup × SiteLogin ×	+				0+ - 0 ×
Search Ritworkuotokuutuos Wankuotokuutuos	Q					WIN-UOD	41UBLIGS			
		General	Ste Name Ste Vew Editor	Alarms - WIN-UOD41088	165		x Rules	Backup Settings	Restore Settings	
						₩ Add	Gose			



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

Add Alarm		×
Select Alarm Trigger Source	ce	
Alarm Trigger Source:	Motion Detection	
Search		Q
- ■ WIN-UOD41U	BLIGS	
✓	IUBLIGS	
🔽 📥 Sigl	ntSensor PHD236-220 Networ	
	1	
	`	

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

User/Group	First Name	Last Name	Wait Time
Sea Administrators			0 🗭 h 0 🗭 m

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



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

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

arms - WIN-UOD41	UBLIGS	
Alarms:		
tion Alarm	Motion Alarm	
	Alarm priority: 1 Alarm is enabled Alarm Schedule is 'Always' Alarm triggered when motion detected on camera SightSensor HD HD236-220 Networ Alarm is linked to camera SightSensor HD HD236-220 Networ Alarm recipients are Administrators	
	Edit Delete	
	dia Add	
	Clos	e

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



	WIN-UOD41UBLICS							
General	\$ \$ \$\$		((\$)			-¢.	¢۰.	
	Site Name	Users and Groups	Alarms	External Notifications	No	Backup Settings	Restore Settings	
	No.		P	1	R			
	Site View Editor	Manage Site	Connect/Disconnect Cameras	te Upgrade	License Management			

• Select Motion detection started, then Next.

View 1 × Site Login × Search: Motion × Search	Search: Event × Search: Alarms ×	
IMUN-UOD41URLIGS SightSensor HD HD236-220 Networ		WIN-UOD41UBLIGS
	General Ste Nar Ste Verv E	Select Rule Event(s) Select the event(s) that will trigger the rule action

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



User Notification Actions Display on-screen message Send email	
- Send notification to Central Monitoring Station	
Play a sound	
- Monitoring Actions	
Create Bookmark	
Open a saved view	
Start live streaming on a virtual matrix monitor	
Open a map on a virtual matrix monitor	
Vhen motion is detected on <u>any camera</u> , reate bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the c</u>	amera linked to the event,

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

elect Rule Condition(s)		
Select the condition(s) to be met for this rule to run		
Device Events		
Digital input is active		
Digital input is not active		
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for 0 minutes 30 seconds with protection off on the	wor', camera linked to the eve	ant
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	camera linked to the eve	<u>ent</u> ,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor', camera linked to the eve	ent,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor', e camera linked to the eve	ent,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor, camera linked to the eve	<u>ent</u> ,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor, camera linked to the eve	ent,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor, camera linked to the eve	ent,
When motion is detected on <u>camera 'SightSensor HD HD236-220 Net</u> create bookmark for <u>0 minutes 30 seconds</u> with protection <u>off</u> on <u>the</u>	wor, camera linked to the eve	ent,

• Provide a name and click *Finish*.



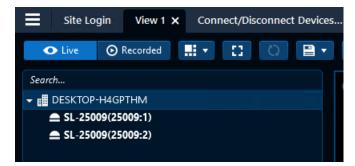
Rule Setup		×
Select Rule Properties		
Rule Name:	Motion Bookmark	
Rule Description:	HD Bookmark	
Schedule:	Always	
	Rule is enabled	
with a second		
create bookmark for <u>0 minutes 30 se</u>	SightSensor HD HD236-220 Networ', conds with protection off on the camera linked to the event,	
	Previous Finish Can	I
	Previous Pinish Can	cei

• Check the alarms under Search Alarms/Motion/Events

Adding SightTracker PTZ to Avigilon

For PTZ's, there are 2 streams and the device tree will display PTZ icons:

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• Select the "PTZ Controls" button to enable movement control on the video.



- Drag the live video screen to pan and tilt the camera
- Use the mouse scroll to zoom in and out

