

Configuring Avigilon Control Center 7

Last Modified on 10/03/2024 2:52 pm EDT

Tested with Avigilon Control Center 7.2.0.18 Tested with Avigilon Control Center 7.14.34.4

Tested with SightLogix Firmware 15.12.7 Tested with SightLogix Firmware 16.2.232

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.
 - $\circ~$ Select VMS Type None if the device is an AXIS camera.

Camera Configuration [SL-1201]	2]							_	\times
Networ	k Ethernet	Wireless	Camera	MPEG	JPEG	Tracker	Web Server		
SL-12004				Car	mera De	escription	New Camera Test		
SL-12176					Ima	ger Type	IR 🗸		
SL-12987					Т	ime Zone	EST5EDT V		
SL-5063					Au	ito Focus			
ی) SL-5498					Manu	al Focus	4095 000000		
SL-5834					Manu	an ocus	-050.000000		
aquila 1607				Li Dof	DaviNie	abt Mada	Deserved		
aturn Plant				Sun	set Offs	et (min.)			
				Sunr	rise Offs	et (min.)	0		
				Motion O	On Event	t Servers			
			м	lotion O)ff Event	t Servers			
				<	٧	MS Type	ONVIF H.264 V	>	
				Ena	able Eve	ant Audio			
					Enable	e Opto In			
					Relay C	Out Mode	Disabled 🗸		
			Disable	Stabilize	er In Nig	ght Mode			
				Tra	ailer Con	troller IP			
							Alarm Test		
>						8	Save Cancel		

Adding Devices with WebConfig

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



MPEG4.

• Select VMS Type None if the device is an AXIS camera.

sightlogix	CAMERA (SL-12012)					
NETWORK	Camera Description	New Camera Test				
CAMERA	cumera bescription					
CALIBRATION	Time Zone Custom Time Zone	(GMT-05:00 DST) Eastern Ti	me (U.S, Canada, Bahamas, Haiti)			•
POLICY	Camera GPS Location		Geolocate			
MPEG / JPEG	Dav/Night Mode	Auto Sense with LED	 Sunrise Offset (min) 	_	Sunset Offset (min)	
TRACKER						
WEB SERVER	Next Day/Night Event					
MAINTENANCE	VMS Type	ONVIF H.264		Relay Out Mode	Disabled	
INFO	Motion On Event Servers	Custom				
CAMERA NEIGHBORHOOD		protocol://cip.addressa				
ONLINE HELP						
LOGOUT	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 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.

View 1 Site Login Setup X +							
Search ■ III WIN-UOD41UBLIGS ■ WIN-UOD41UBLIGS ■ PREDATOR.HD \$ \$1.12024 \$ \$1.12024 \$ \$1.12020(1) \$ \$1.12020(1) \$ \$1.12020(2)	WIN-UOD41UBL	JGS					
 \$L-12603 \$L-12603(1) \$L-12603(2) 	General						
 \$1-13471 \$1-13471(1) \$1-13471(2) 	General	Users and Groups	Alarms	External Notifications	Rules	Backup Settings	Restore Settings
	Other						
I	Site View Editor	Manage Site	Connect/Disconnect Devices	Access Control	Site Upgrade	License Management	
			\bigwedge				
			1				

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

View 1 Site Login Connect/Disconnect Devices X Setup +	-					άτ - D
						*
Find Device Show All Servers 🔻						
Discovered Devices						
Name		IP Address	Туре	Model	MA	C Address
SightLogix HD236-220		192 168 50 222	ONVIE	HD236-220		
Sightlagix NS240-300		192.168.50.14	ONVIE	NS240-300		
SightLogix NS95-300		192.168.50.189	ONVIE	NS95-300		
SightLogix NS95-300		192.168.50.107	ONVIF	NS95-300		
SightLogix SE		192.168.50.63	ONVIF	SE		
SL-12021		192.168.50.187	ONVIF	HD236-220		
SL-12568		192.168.50.241	ONVIF	N\$95-320		
SL-13294		192.168.50.141	ONVIF	HD332-220		
SL-13417	Find Device	×	ONVIF	HD236-220		
SL-13673			ONVIF	ST3-020		
SL-16391	Search From Server:	WIN-UOD41UBLIGS *	ONVIF	SE236		
SL-5058		TD Address a	ONVIF	NS145-620		
Connected Devices	Search Type:	IP Address *				
Name IP Ad	dress Device Type:	ONVIF *	Model	MAC Address	Status	Network Tj
MIN-UOD41UBLIGS	IP Address/Hostname:	192.168.50.18				
SL-12603 19	.168 Control Port:	80 🌲	phtSensor HD236-220 Network	00:18:08:00:31:3B	Connected	LAN
SL-12014 19	168	manica	ghtSensor NS95-320 Intelligen	00:18:08:00:2E:EE	Connected	LAN
SightSensor HD220-220 Network C 19	168	service	phtSensor HD220-220 Network	00:18:08:00:2E:FA	× Not Present	LAN
SightSensor HD3XX-220 Network C 19	Password:	******	ghtSensor HD3XX-220 Network	00:18:08:00:37:D4	× Not Present	LAN
SL-12020 19	.168		phtSensor HD220-220 Network	00:18:08:00:2E:F4	Connected	LAN
PREDATOR_HD 19	.168	OK Cancel	D_PREDATOR	00:60:35:25:25:54	Connected	LAN
SL-13471 19	.168		ghtSensor TC95-322 Network C	00:18:08:00:34:9F	Connected	LAN

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



Find Device	Show All Servers 🔻									
Discovered Devices										
	Name			IP Addres	55	Туре	Model		MAC Addr	ress
SightLogix_HD23	36-220			192.168.50.222	ONVIF		HD236-220			
SightLogix_NS24	40-300			192.168.50.14	ONVIF		NS240-300			
SightLogix_NS95	i-300			192.168.50.107	ONVIF		NS95-300			
SightLogix_SE				192.168.50.63	ONVIF		SE			
SL-12010				192.168.50.155	ONVIF		ST3-020			
SL-12014				192.168.50.147	SightLogix (ONVIF)	SightSensor NS95-32	20 Intelligen	00:18:08:00:2E:EE	
SL-12035				192.168.50.115	ONVIF		ST3-020			
SL-12603				192.168.50.18	SightLogix (ONVIF)	SightSensor HD236-	220 Network C	00:18:08:00:31:3B	
SL-13417			Connect Device			×	HD236-220			
SL-13673			ouniect beried				ST3-020			
SL-15663			Properties				NS100-620			
SNP-6320RH			Connect to:	WIN-UOD41UBIT	GS .		SNP-6320RH			
Connected Devices	News		Connection Type:	Primary	٣		1117 1 111		Charles	Mada and Tax
	Name		Device Control:	Unsecure			MAC Address		Status	Network Iy
▲	JBLIGS		Network Type:	LAN						
PREDATOR_HD		192.16					00:60:35:25:25:54	Conn	ected	LAN
SL-12014		192.16	Click to view locati	on		el	ligen 00:18:08:00:2E:EE	Conn	ected	LAN
SL-12020		192.16				let	twork 00:18:08:00:2E:F4	Conn	ected	LAN
SL-13471		192.16			OK Cancel	tw	ork C 00:18:08:00:34:9F	Conn	ected	LAN
SightSensor HD2	220-220 Network C	192.16				let	twork 00:18:08:00:2E:FA	🗙 Not F	resent	LAN
SightSensor HD3	3XX-220 Network C	192.168	3.50.177	SightLogix (ONVIF)	SightSensor HD3X	K-220 Net	twork 00:18:08:00:37:D4	🗙 Not F	resent	LAN
		-			Simulare Version: 1512.0PM					
		SightSensor	HD236-220 Network C	I	P Address: 192.168.50.18 MAC Address: 00:18:08:00:31:3B					
		Device is Disconn	ected connected to a server. Any	events or images are						
		not being recorde	ed.		Connect Repla	:e				

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

		1D Address	Time	Model	144	C Address
ny ten camera a really long camera name	211	194,100,30,53	OHVE	FIU332-220	100	E MUDICES
SightLogix_HD236-220		192.168.50.222	ONVIF	HD236-220		
SightLogix_NS95-300		192.168.50.107	ONVIF	N595-300		
SightLogix_SE		192.168.50.63	ONVIF	SE		
5L-12001		192.168.50.240	ONVIF	HD236-220		
5L-12010		192.168.50.155	ONVIE	ST3-020		
SL-12021		192.168.50.187	ONVIF	HD236-220		
1.12036		192.168.50.95	ONVIF	TC62-322		
L-13417		192.168.50.124	ONVIF	HD236-220		
1.13673		192.168.50.21	ONVIF	ST3-020		
1.15663		192.168.50.66	ONVIF	NS100-620		
1.16391		192.168.50.64	ONVIF	58236		
L-5058		192.168.50.165	ONVIF	NS145-620		
cted Devices						
Name	IP Address 🔺	Type	Model	MAC Address	Status	Netw
13608	107 148 50 18	Sightlogic (OM/F)	Sinhi Cansor HD 785-735 Natures	00-18-08-03-31-38	Connected	14
12014	107 140 50 147	Sight only IOM/IE	SightSenror NS95 220 Intelligen	00.10.00.00.10.00	Connected	
abiSensor HD220-230 Network C	192 168 50 157	SightLogic (ON/IP)	SightSensor HD220-220 Network	00-18-08-00-2E-E4	V Not Present	14
ahtSensor HD3XX-220 Network C	192,168,50,177	Sight on ONNE	SightSensor HD3XX-220 Network	0018/08/00137-04	× Not Present	
-13030	102 168 50 185	Sight one ION/E	Sight/Sensor HD220-230 Network	00-18-08-00-26-64	Connected	14
REDATOR ND	192 168 50 215	360/vice ION/IE	NO PREDATOR	00 60 35 25 25 54	Connected	14
13471	193 168 50 343	SightLogic (DM/E)	Sinhi Sansor TC05-322 Natwork C	00-18-08-00-34-0F	Connected	
	SL-12603 SightLogix (ONVIF) SightSe	Ensor HD236-220 Network C MAC Address	fersion: 15.12.98M 192.168.50.18 Hss: 00:18:06:00:31:38			
	Connected to server WIN-UOD	IUBLIGS				
	U connected to perfect that over					

Enable Camera Recording

Make sure site is set to continuous recording for playback mode.

• Go to the site setup menu, click on the site and go to the "Recording Schedule" tab.



E Site Login View 1 Connect/Disconn	ect Devices Search: Alarms	Setup 🗙 🕂			
Search	DESKTOP-H4G Server Version: 7,1434.4 IP Address: 127.00.1	РТНМ		/	
	General				
	General	Recovery Configuration	Co Recording Schedule	Recording and Bandwidth	Storage Management

• Click the "Set Area" and drag the bar to set the recording schedule.

																			1									
Default	Recording Mode:										De	fau	lt								∖ ∕s	et A	rea	_	×	Clear	Area	
	Continuous																											٦
	₩ Motion	- 4				H						Ħ	Ħ	+		Ħ			t			Ħ						۲
	→ Digital Inputs																											
	Alarms																											
Add Template		12 AN	1 ÅM	2 AN	3 AM	4 A1	5 ÅI M	И 6 А	7 /	АМ 8 /	9 / AM	AM 10	AM	1 AM	2 PN	1 PN	2 PN	3 PN	4 PI	5 P	M 6 1	7 PM	PM	B PM	9 PN	1 10 PN	11 PM 1 12	
Add template				Re	cord	a re	efere	nce	ima	ge ei	very:	0		*	min	10	.0	\$ si	ec									

Setting Alarms

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

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

📰 📔 View 1 📔 Site Login 📔 Connect/Disconnect	Devices Setup x +	
Search ✓ III WIN-UOD41UBLIGS ▲ ININ-UOD41UBLIGS ▲ PREDATOR, HD ▲ SL-12014 ▲ SL-12020 ▲ SL-12020(1)	WIN-UOD41UBLIGS	
 \$I-12202(2) \$I-12603 \$I-12603(1) \$I-12603(2) \$I-13471 \$I-13471(1) \$I-13471(2) 	General Alarns: DM Axis alam DM Axis alam General Salami General Barns: Beneral Dhemai alam Restore Setting Barns: Other Image: Constraint of the set of t	Rules Backup Settings Backup Settings

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



• Click Next.

Add Alarm	×
Select Alarm Trigger Source	
Alarm Trigger Source: Motion Detection	
Search	
 ▼ I WIN-UOD41UBLIGS ▲ PREDATOR_HD ♦ SL-12014 ▼ SL-12020 ● SL-12020(1) ● SL-12020(2) ▼ \$L-12603 	
 SL-12603(2) SL-13471 SL-13471(1) SL-13471(2) 	
Previous 🗘 Car	ncel

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

Add A	larm	>
Sele	ct Linked Devices	
	Select the device(s) to link to this alarm:	
	Search	
	\$ SL-12014	
	▪ 📏 SL-12020	
	SL-12020(1)	
	SL-12020(2)	
	✓ \$L-12603	
	✓ SL-12603(1)	
	SI-12003(2) → SI-13471	
	SL-13471(1)	
	SL-13471(2)	
	Pre-Alarm Record Time: 5 🚔 seconds	
	Recording Duration: 1 🗮 min 🕡 🚔 sec	
	View linked devices when alarm is triggered	
	I Previous Next Cancel	1



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

	Add Alar	m				×
	Select	Alarm Recipients				
		Select the users that will	be notified when t	his alarm is trigger	red:	
		User/Group	First Name	Last Name	Wait Time	
		Sea Administrators			0 * h 0 * m	
ir						
		Add Recipients Rem	ove Recipients	rm 1.wav 💌		
li				Previou	us 🔷 Next Car	ncel

• Click 'Next' on alarm acknowledgement action.



Search
WIN-UOD41UBLIGS
▼ I WIN-UOD41UBLIGS
✓ ■ PREDATOR_HD
Digital Output 1
SL-12014
SL-12020
SL-12603
SL-13471

- Provide alarm name.
- Click Finish.

Add Alarm		×
Select Alarm Properties		
N P S	me: HD_visible_alarm ority: 1 hedule: Always I Enable alarm	▼ ▼ _∕
	Previous	Finish Cancel

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



Alarms - WIN-UOD41UBLI	GS	×
Alarms - WIN-UOD41UBLIC Alarms: DOM Axis alarm DOM_ONVIF_ALARM Gen 3 Alarm? Gen 35 alarm? HD_thermal_alarm HD_thermal_alarm TO_thermal alarm TC thermal alarm TC visible_alarm testccam	HD_visible_alarm Alarm priority: 1 Alarm is enabled Alarm Schedule is 'Always' Alarm triggered when motion detected on camera SL-12603(1) Alarm is linked to device SL-12603(1) Alarm recipients are Administrators	×
	Close]

Setting Rules

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

• From the Setup window, click Rules

E View 1 Site Login Setup X +		
Srereh	WIN-UOD41UBLIGS	
 \$1.12603 \$1.12603(1) \$1.12603(2) \$1.13471 \$1.13471(1) \$1.13471(1) 	General	4 8
	General Users and Groups Alarms External Notifications Rules Backup Settings Res	store Settings
	Site View Editor Image Site Image S	

• Select Motion detection started, then Next.



WIN-UOD41	JBLIGS	
	Rules - WIN-UOD41UBLIGS	×
	Rule Setup × Select Rule Event(s)	
General General Other	Select the event(s) that will trigger the rule action	ules Ba
Site View Editor	Previous Next Cancel Restore Defaults Close	Ppgrade Licer

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



Rule Setup	×
Select Rule Action(s)	
Select the action(s) for the rule	
Play a sound Monitoring Actions Start live streaming Video intercom call Focus of Attention ✓ Create Bookmark Open a saved view Start live streaming on a virtual matrix monitor Open a map on a virtual matrix monitor Open a web page on a virtual matrix monitor	
Previous Next Cancel]

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

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



• Provide a name and click Finish.

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

• Check rule description



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

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

🗮 🛛 View 1 📄 Site Login 🗍 Setup 🛛 Search: Alarms 🗙	+	¢rv – ⊐ ×
Alarms to Search:	SL-12603(1)	
DOM Axis alarm DOM_ONUF_ALARM Gen 3Alam? Gen 3S alarm? HD_ubtes_alarm Sandy Axis alarm TC trible alarm TC trible alarm testccam	U1/7/2019 10:48:19.555 AM (EDT)	
Date Range:	Event Alarm + Start Time Note Tric	agered
From: 10/7/2019 🛅 10:46:49.923 AM 🌲	Triggered HD_visible_alarm 10/7/2019 10:48:19 AM Start	t: Mon, Oct 07, 2019 10:48:19 AM
To: 10/7/2019	Triggered HD_visible_alarm 10/7/201910:48:11 AM End: Triggered HD_visible_alarm 10/7/201910:47:57 AM Alarr	Mon, Oct 07, 2019 10:48:19 AM m: HD_visible_alarm
Duration: 0 \$ 1 \$ 1 \$ 0 \$ Days Hours Minutes Seconds 3 results found Search		Export this event Bookmark this event
		•
■ ► ■ 10:48:19.534 AM Monday, October 07, 2019	новки то събыт от долг	10:50:00 AM 10:50:30 AM
		,

