

# **ExacqVision Integration Guide**

### Adding the TIR RTSP Stream to ExacqVision

Add the Thermal Radar RTSP stream to the ExacqVision server by clicking the Gear Icon Upper Left hand side.

located in the

Click 'Add IP Camera' 🛛 🖨 🐏 Add IP Cam	neras	
Click 'New'		
Enter in Device information	IP Camera Information	
Click <b>'Apply'</b>	Device Type:	RTSP ~
NOTE: RTSP Stream may take up to	Hostname/IP Address:	rtsp://192.168.1.220/tirstream
15min to connect	Port:	Protocol:
	Username:	admin
<u>Thermal Radar RTSP URI:</u>	Password:	•••••
rtsp:// <i><ipaddress< i="">&gt;/tirstream</ipaddress<></i>	Password Confirm:	•••••
*Note: Username or password is not used	Status:	Not connected. Show Details           Apply         Cancel

## Adding PTZ into ExacqVision

Add PTZ to desired ExacqVision Server by following the same steps for adding in a TIR RTSP Stream

*In order for ExacqVision to receive the alerts sent from the Thermal Radar an Axis A9188 Input/Output (I/O) module will be required.* 

### **Adding Alerts into ExacqVision**

Using an Axis A9188 I/O module, wire the Output relays to the digital inputs on the I/O module. See the below diagram.



Navigate to the web interface of the Axis A9188 I/O module and select '**Preferences**' and '**Additional device configuration**'.

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	N 5			
Dashboard	Schedules	Event log	Preferences	
Preferen	ces			
🕨 Addi	tional dev	ice conf	iguration	

	AXISA AXI	S A9188	/-VE N	etwork I/O R	elay Mod	ule	Overvi			
Select ' <b>Events</b> ' and ' <b>Add</b> '	▶ Basic Setup	Actio	n Rules	5						
Sciect Events and Add		Action Rule List								
elect ' <b>Events</b> ' and ' <b>Add</b> '	Applications	Name		Trigger	Schedule	Action	Recipient			
	<ul> <li>Events         Action Rules         Recipients         Recurrences</li> <li>System Options         About</li> </ul>	Vew New	Rule	Input Signal - Virtual Inputs	Always	Output Port				
		Add	Cop	y Modify	Remove					

A Not secure | 192.168.1.63/operator/action\_rule\_setup.shtml?doAction=modify&ruleId...

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#### Assign a 'Name' to the new input. Action Rule Setup 3

Set the 'Conditions' to trigger on ar 'Input Signal' from a 'Virtual Input' and assign Virtual Input '1' to the rule.

Apply a schedule if desired.

Under 'Actions', assign an 'Output **Port'** to be triggered and assign 'Relay 1' to the rule.

Set the rule to be 'Active', and assign a duration for the relay to be active (1 to 5 seconds is typical).

Select 'OK' to save the new rule.

General		
Enable rule		
Name:	TIR Alerts	
Condition		
Trigger:	Input Signal 🗸	Start condition only
	Virtual Inputs 🗸	
	1 🗸	
	Active: 💿 Yes 🔘 No	
Schedule:	Always	
Additional condition	5	
		*
		*
Add	Modify Remove	
Wait at least 00:00	before re-running the rule (max 23:59:59)	
Actions		
Type:	Output Port 🗸	
Port:	Relay 1	
Set state:	Active O Inactive	
<ul> <li>Duration</li> <li>Go to oppose</li> <li>Go to oppose</li> </ul>	site state when the rule is no longer active site state after $5$ second(s) $\checkmark$	
	OK Cancel	

In the Thermal Radar Web interface click the 'Alert Receives' tab.

Click 'Add'

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Select 'Axis Virtual Input' as the format.

Assign the Alert Receiver with the IP address, username, and password of the A9188

#### Click 'Apply Changes'

THERMAL RADAR	Alert Re	eceivers	admin Log Out
Dashboard			
Thermal Radar™	Format Active	Axis Virtual Ir	nput Settings
Network	Thermal Radar X	Alert Format:	Axis Virtual Input 🗸
Site Map	Valerus	Name:	Axis Virtual Input
Distances	Axis Virtual Input 🗸	Device Address:	192.168.1.145
Hydra PTZ		Device Port:	80
Analytics		User Name:	root
Alert Receivers		Password:	
Alert Rules		Signal Delay (ms):	100
Display			
Time Settings			
Maintenance	Add Remove Inactivat		
User Management			101
	Alert Atter 2	Consecutive Detections in an	AUI t Detections
	(1	rotation = 5.3 seconds)	IL Delections
		Apply Changes	

Select the **'Alert Rules'** tab and assign **'1'** to the Input ID (triggers Virtual Input 1 on the Axis A9188).

Select 'Apply Changes'

ashboard			Alert Format:	Axis Virtual Inpu	t 🗸		
	Туре	Stop Conf AOI	Data		Rule S	ettings	
etwork	Any	Any Any Any 1	l	-	Detection Type:	Any	
ite Map					Station:	Any	_
istances					Confidence:	Any	_
ydra PTZ				Ö	AOI ID:	Any	
nalytics				U			
lert Receivers					Input ID:	1	
lert Rules							
isplay	Add	Remove		a at			
ime Settings			Ċ				
laintenance		System Event	Active	Input ID			
ser Management		System Error			0		
		,					

In ExacqVision VMS under the Configuration tab or Gear icon



### Select 'Add IP Cameras'

Add the Axis A9188 into Exacq as an 'Axis VAPIX' device type.

V exacqVision Client													-		$\times$
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Configuration							Add IP	Cameras	6						
Systems	IP Camera Lis	st								IP Camera Information					
Add Systems							Q Filter		0						
Indicators							< ritter		©	Device Type:	AXIS VAPIX		~		
Event Monitoring	Enabled	Proto	Address	Make	Model	MAC		Firmware	Status	Hostname/IP Address:	192,168,1,63			0	pen
Groups		•	192.168.1.63	AXIS VAPIX	A9188/-VE	AC-CC-	8E-9C-41-E4	1.84.1	Connected.						_
Maps			rtsp://192.168.1.230/	RTSP					Not connect	Port:	P	rotocol:	HTTPS IF AV	ailable	~
			rtsp://192.168.1.151/	RTSP					Connected.						_
- San Tours			192.168.1.155	Samsung	XNP-6550RH	E4-30-22	-22-1E-3C	1.40.03_20201203_	Not connect	Username:	root				
Layouts															
E-B TIR Sentry Box										Password:	•••••				
Configure System										Password Confirm:					
Trigger Inputs															
										Status:	Connected.	Show 🗹	Details		
Camera Recording										Time:	8/18/2021 4:2	B:12 PM			
Add Security Integratio														~	
🗊 🛲 System Audio												A	pply	Cance	el
🛓 🕮 Exacq Input Output M															
Storage															
Serial Ports															
Serial Profiles	<								>						
Auto Export	Displaying 4	camer	as				New	ViewLog	Delete						
P Event Linking								nen zog	Perete						

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7 Select '**Event Linking'** and select '**New'** and assign the following parameters:

Event Type: 'Input Trigger'

Event Source: 'A9188/-VE - I/O 1'

Action Type: 'Record Video'

Action Target: Select the associated Thermal Radar and PTZ camera

V exacqVision Client										exacqVisio
Configuration Q. Filter	Server	Actions					Event Lin	king		
- SAdd Systems - Q Indicators - Q Indicators	Log	Event Type Input Trigg	Eve	At Least Immediate	Action Type Record Video	Action Target V2 TIR	Pre Trigger 3	Post Trigger 3	Status Off	
TIR Sentry Bax     Configue System     Configue System     Configue System     Configue Inputs     Configue Inputs     Configue Configue     Configue Configue     Configue Configue     Configue	Even Vide Vide Seri Hea IP C Soft Tim Ana Sou Out	t Type so Motion to Loss at Trigger al Porti al Profile Ith amera Connectio Trigger lytics rec Group bound Connecti urity Integration 1	on	tion	Event Source (2015)/2017 - 1/0 1 2015/2017 - 1/0 3 2015/2017 - 1/0		Action Log Ex Record Outpun Notify Acto 6 PTZ Pr Securi	Type rent 3 Video 4 Audio t Trigger xport eset ty Trigger	Action Target V2: Tilk	 Pre Trigger 3 © Seconds Post Trigger 8 © Seconds
Grand Associations     Grand Association	Sect Seci No I	urity Integration , urity Integration , I Port Connectic Recording	Alert Alarm on		Input 6 Input 7 Input 8	i seconds v Log Setting Maximum	is Days to Keep Logger	d Events: 30		

If desired, repeat steps 1 - 7 to create alerts for inputs 2 - 7 on the Axis A9188 I/O Module.