




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  located in the Upper Left hand side.

Click **'Add IP Camera'** 

Click **'New'**

Enter in Device information

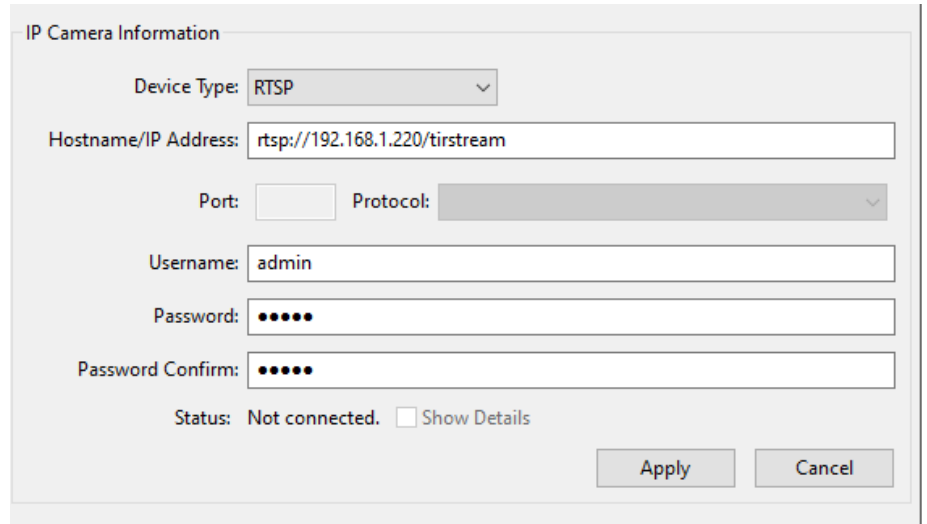
Click **'Apply'**

*NOTE: RTSP Stream may take up to
15min to connect*

Thermal Radar RTSP URI:

rtsp://<ipaddress>/tirstream

**Note: Username or password is not used*



IP Camera Information

Device Type: RTSP

Hostname/IP Address: rtsp://192.168.1.220/tirstream

Port: Protocol:

Username: admin

Password:

Password Confirm:

Status: Not connected. Show Details

Apply Cancel

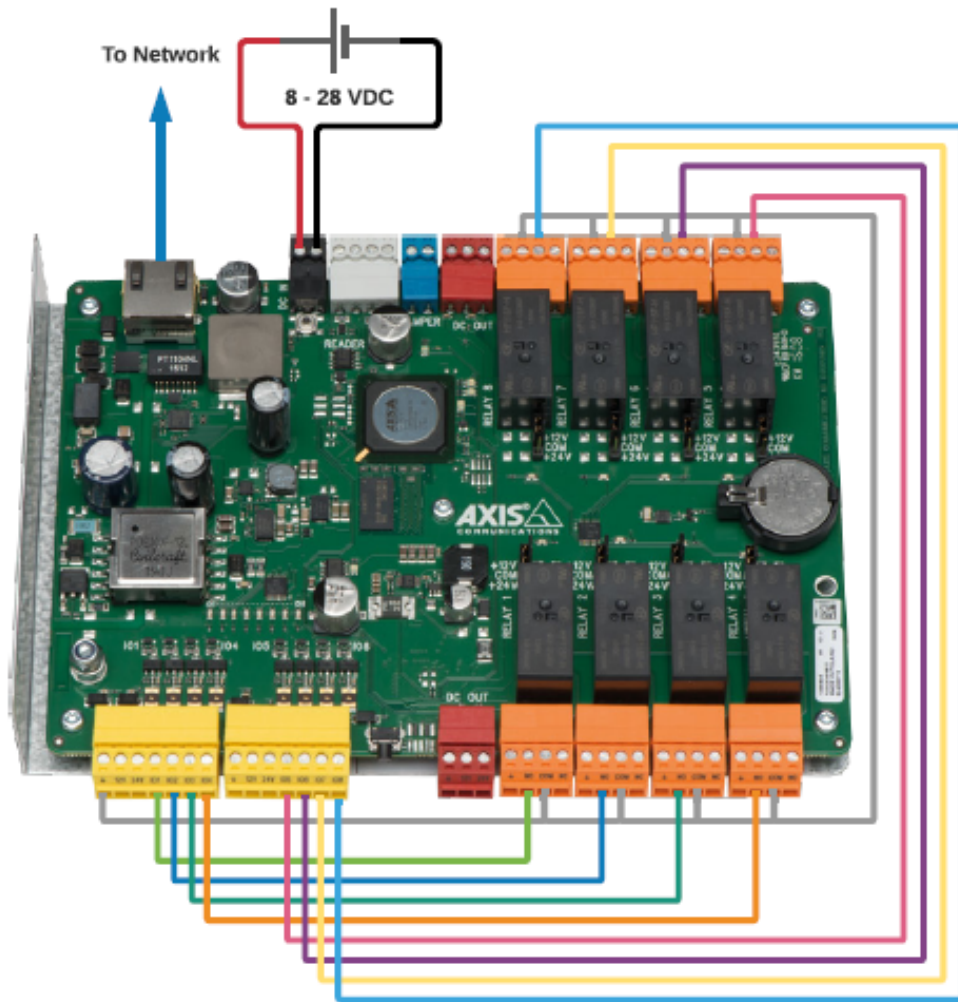
Adding PTZ into ExacqVision

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.



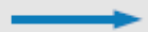
Axis A9188 I/O

- I01: to Relay 1 NO —
- ↓ : to Relay 1 COM —
- I02: to Relay 2 NO —
- ↓ : to Relay 2 COM —
- I03: to Relay 3 NO —
- ↓ : to Relay 3 COM —
- I04: to Relay 4 NO —
- ↓ : to Relay 4 COM —
- I05: to Relay 5 NO —
- ↓ : to Relay 5 COM —
- I06: to Relay 6 NO —
- ↓ : to Relay 6 COM —
- I07: to Relay 7 NO —
- ↓ : to Relay 7 COM —
- I08: to Relay 8 NO —
- ↓ : to Relay 8 COM —

8 - 28 VDC

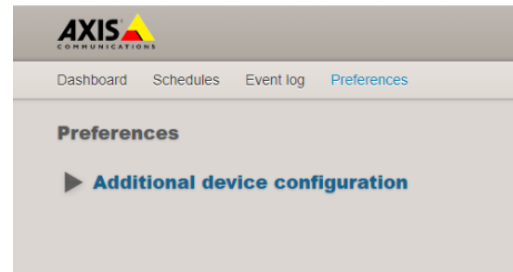


Network Connection (802.3at/af capable)

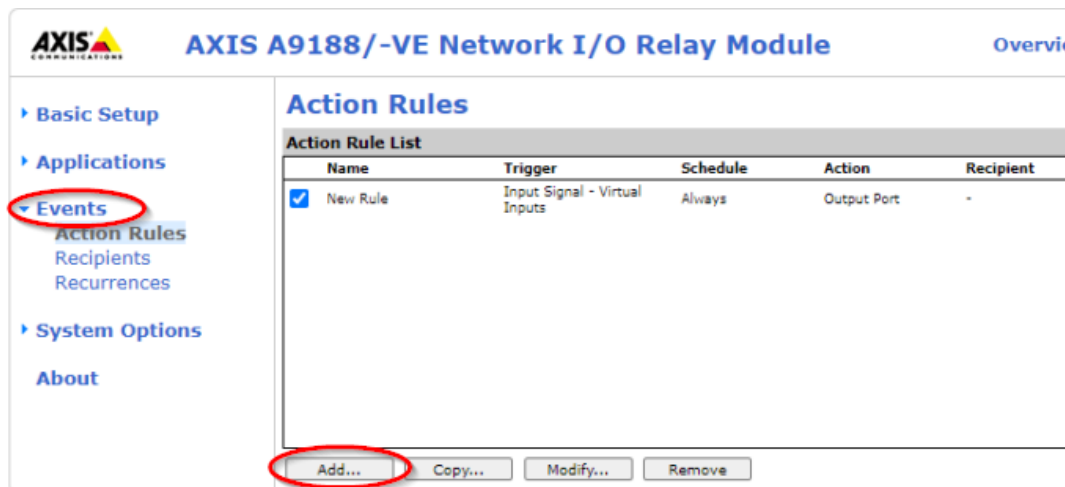


***Note:** The Axis A9188 must be networked to the ExacqVision VMS server in order to relay the events from the Thermal Radar to ExacqVision VMS server.

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



2 Select '**Events**' and '**Add...**'



3 Assign a **'Name'** to the new input.

Set the **'Conditions'** to trigger on an **'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.

Events/Action Rule Setup - AXIS A9188/-VE Network I/O Relay Module - Google...
Not secure | 192.168.1.63/operator/action_rule_setup.shtml?doAction=modify&ruleId...

Action Rule Setup

General

Enable rule

Name:

Condition

Trigger: Start condition only

Active: Yes No

Schedule:

Additional conditions

Wait at least before re-running the rule (max 23:59:59)

Actions

Type:

Port:

Set state: Active Inactive

Duration

Go to opposite state when the rule is no longer active

Go to opposite state after

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

Click **'Add'**

Select **'Axis Virtual Input'** as the format.

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

Click **'Apply Changes'**

admin Log Out

Alert Receivers

Dashboard

Thermal Radar™

Network

Site Map

Distances

Hydra PTZ

Analytics

Alert Receivers

Alert Rules

Display

Time Settings

Maintenance

User Management

Format	Active
Thermal Radar	✗
Bosch 7000i Illuminator	✓
Valerus	✓
Axis Virtual Input	✓

Axis Virtual Input Settings

Alert Format:

Name:

Device Address:

Device Port:

User Name:

Password:

Signal Delay (ms):

Alert After Consecutive Detections in an AOI

After Alert, Disarm AOI for Rotations Without Detections
(1 rotation = 5.3 seconds)

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

Select '**Apply Changes**'

Alert Rules

Alert Format: Axis Virtual Input

Type	Stop	Conf	AOI	Data
Any	Any	Any	Any	1

Rule Settings

Detection Type: Any
 Station: Any
 Confidence: Any
 AOI ID: Any
 Input ID: 1

System Event **Active** **Input ID**

System Error	<input type="checkbox"/>	0
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Apply Changes

- 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.

Configuration

Add IP Cameras

IP Camera List

Enabled	Prot	Address	Make	Model	MAC	Firmware	Status
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	192.168.1.63	AXIS VAPIX	A9188/-VE	AC-CC-8E-9C-41-E4	1.84.1	Connected.
<input type="checkbox"/>		rtsp://192.168.1.230/	RTSP				Not connect
<input checked="" type="checkbox"/>		rtsp://192.168.1.151/	RTSP				Connected.
<input type="checkbox"/>		192.168.1.155	Samsung	XNP-6550RH	E4-30-22-22-1E-3C	1.40.03_20201203_1	Not connect

Displaying 4 cameras

IP Camera Information

Device Type: AXIS VAPIX
 Hostname/IP Address: 192.168.1.63 [Open](#)
 Port: Protocol: HTTPS If Available
 Username: root
 Password: *****
 Password Confirm: *****
 Status: Connected. Show Details
 Time: 8/18/2021 4:28:12 PM

Apply **Cancel**

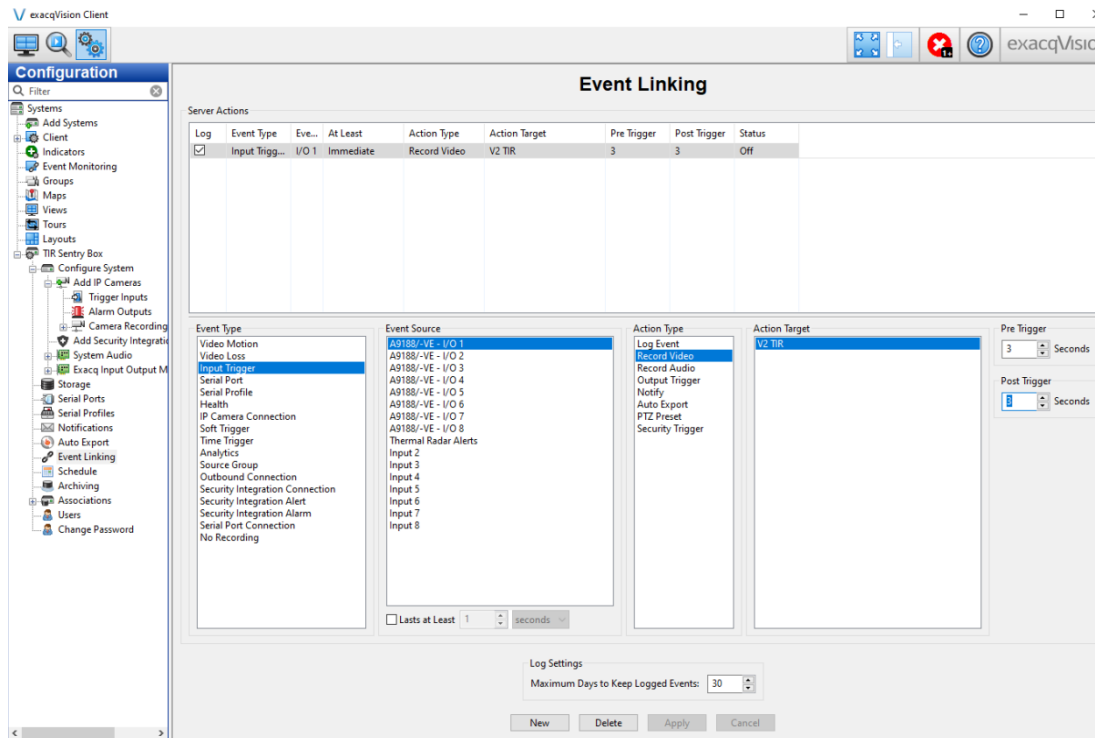
7 Select '**Event Linking**' and select '**New**' and assign the following parameters:

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



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