

Raytec Axis ACAP Integration User Guide

Lighting Integration for Axis Cameras Document Revision 3.1

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1. Overview

This document provides installation and usage instructions for the Raytec Axis ACAP Application.

1.1 General Workflow

Firstly, ensure your lamp has the correct firmware (2.2 Requirements – Lamp Firmware Version and Lamp Settings). To update the lamp software please refer to the Web Pages – Software Update section in the Vario IP PoE Instructions document.

After installing the Raytec Axis ACAP Application onto the camera and, if required, completing the wiring connections as detailed in section 2.3 *Photocell and External Input State Change Detection,* the general workflow is as follows.



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2. Introduction

2.1 Overview

The Raytec Axis ACAP Application provides users of Axis cameras with the ability to provide event-driven control of Raytec IP illuminators from directly within the Axis camera environment.

The following functionality is available:

- Add / edit / remove lamps
- Add / edit / remove lamp groups
- Create events and actions for lamps / lamp groups
- Trigger events and actions when Axis camera events occur

2.2 Requirements

Camera must support Axis Camera Application Platform (ACAP)

To find out if your camera supports ACAP, please check at the following Axis firmware information page:

http://www.axis.com/techsup/firmware.php

Camera Processor Architecture

To find out the type of processor your camera has run the following VAPIX command from your web browser:

http://<camera ip >/axis-cgi/operator/param.cgi?action=list&group=Properties.System.Architecture

You should see something like the following:

Properties.System.Architecture=mips

Once you know the architecture, you can determine which file you require from the Raytec ACAP download as the naming convention for the camera application files is as follows:

Raytec_Lamp_Integration_<version>_<architecture>.eap

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Lamp Firmware Version and Lamp Settings

The lamps to be controlled by the camera should be running the following firmware versions or higher:

Illuminator	Minimum supported firmware version
Vario IP POE	v1.1.0
Vario2 IP POE	v2.0.1
Vario2 Hybrid IP POE	v3.1.2

Please note that when updating firmware 1.1.x or below, the lamp will revert to factory settings, including network settings and the lamp's name. When updating firmware 1.2.x and above certain settings will persist. Those include network settings, lamp name and credentials.

Ensure the lamps to be controlled are in VMS or VMS + Local mode.

In *VMS* mode the lamp will not respond autonomously to photocell and telemetry events. The Raytec Axis ACAP Application alone will control the lamp.

In *VMS* + *Local* mode the lamp will respond to photocell and telemetry events (as configured in its settings page).

To change the lamp settings, navigate to the lamp settings web page in your browser. This page may look slightly different depending on which firmware version the lamp is running.

For lamps running firmware v1.1.x:



Ensure the Local (No VMS server) checkbox is not checked.

For all other lamps:

Settings / Grou	ps		Settings / Grou	ps				
This page allows the	administrator to	This page allows the administrator to am						
Lamp Mode:	VMS	Lamp Mode:	VMS + Local 🔻					
Name:	VARIOIP2		Name:	VARIOIP2				

Ensure VMS or VMS + Local is selected in the combo box.

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Lamp Network IP Address Assignment

It is important to make sure the lamps and camera reside within the same network address range to ensure the camera can communicate with the lamp it is trying to control.

For example, if your camera has the following IP address: *192.168.1.100*

And the subnet mask is: 255.255.255.0

Then your lamp should have its IP address set to: *192.168.1.N*

Where *N* is a value between 0 and 254, excluding 100 (the camera uses this address) and any other addresses already in use on the network.

Lamp names

The lamp's name, as well as network settings, can be changed using the Raytec DiscoMan Application or on the lamp's web interface.

In order to integrate the lamps with the Raytec Axis ACAP Application each lamp should have a unique name, which should be matched with the lamp's actual name.

2.3 Lamp Photocell and External Input State Change Detection

For lamp photocell and external input changes to be detected by the camera, the external output of the lamp (yellow and white wires on the auxiliary output cable from the lamp) must be connected to the digital input of the Axis camera.

Additionally, in the lamps *Adv Settings* configuration page, the *External Output Trigger State* should be configured as required.

2.4 Automatic Photocell Operation

There are two options for setting up the lamp and camera so that the lamp switches on / off automatically during night / day.

Option 1

This option does not require the wiring setup as outlined in section 2.3 Lamp Photocell and External Input State Change Detection. The lamp mode should be set to VMS + Local.

Next, the instructions detailed in section 5.1 Control the Lamp with Photocell Events – VMS + Local Mode should be followed.

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Option 2

This option requires the wiring setup as outlined in section 2.3 Lamp Photocell and External Input State Change Detection. The lamp mode should be set to VMS.

Next, the instructions detailed in section 5.2 Turn on the Lamp when the Photocell becomes Active (Night) and section 5.3 Turn off the Lamp when the Photocell becomes Inactive (Day) should be followed.

2.5 Installation

To install the Raytec Axis ACAP Application, open a web browser and navigate to the web interface of the Axis camera.

Select the *Apps* menu item. Currently installed applications will be displayed alongside an option to *Add* another, click *Add*.

Image	Stream	Overlay	PTZ	Audio	Privacy mask	View area	Apps	System	n										
															×			*	
														Check ou	t more ap	ps	AXIS V Detec	ideo Moti tion 4.3-3	ion 3
															*			+	
														axis-video- r	scene-pro 2.4.2	ovider		Add	

Click the *Browse* button and navigate to the folder where your installation file is stored and select it.

Once the installation file has been selected, click the *Install* button. This will begin the package installation process.

The camera only accepts the correct file version. If the upload fails then you will see a message like below:



Once the package has been installed it should appear alongside the installed applications.

After the package has been installed it needs to be started. To do this, select the application and click the *Start* toggle switch. The status for the application should change to *Running*.

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3. Raytec Axis ACAP Application Configuration

Click Open on the Raytec Lamp Integration App screen to begin configuring your lamps:

Status: Running
Open
opun

This should open the following screen:

ray tec*	
	Raytec Vario IP Lamp Configuration
Lamp Configuration	
	Add Edit Remove
Group Configuration	
	Add Edit Remove
Event Action Configuration	
	Add Edit Remove

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3.1 Lamp Configuration

The *Lamp Configuration* section allows for lamps to be added, edited or removed. A maximum of 50 lamps can be added.

Add Lamp

To add a new lamp, click the *Add* button on the *Lamp Configuration* section. The *Add/Edit Lamp* page will be displayed. You need to know the IP address and the name of the lamp you are adding. It is crucial that the lamp name in the Raytec Axis ACAP Application matches the lamp's actual name. This information can be obtained using the DiscoMan Application. This application can be downloaded and installed from <u>www.rayteccctv.com</u> Once all the information has been obtained from the DiscoMan Application, please close it as it holds onto a resource required by the Raytec Axis ACAP Application.

raytec"	
	Raytec Vario IP Lamp Configuration
Add/Edit Lamp	
Lamp Name: Lamp IP Address:	
	Cancel OK

New lamps cannot be added if the *Lamp Name* or the *Lamp IP Address* has already been used.

Note 1: Lamp Names should match the actual lamp names. This can be verified using the DiscoMan Application or by using the lamp's web interface.

Note 2: It is important to make sure the lamps and camera reside within the same network address range to ensure the camera can communicate with the lamp it is trying to control.

Edit Lamp

To edit an existing lamp, first select the lamp to be modified from the list of lamps and click the *Edit* button. The *Add/Edit Lamp* page will be displayed where changes can be made to *Lamp Name* and *Lamp IP Address*.

Remove Lamp

To remove an existing lamp, first select the lamp to be removed from the list of lamps and click the *Remove* button in the *Lamp Configuration* section.

Note: A lamp cannot be removed if it has been assigned to an event action. In this case the

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event action should be removed first.

3.2 Group Configuration

The *Group Configuration* section allows for groups to be created, edited or removed. A maximum of 10 groups can be added with a maximum of 50 lamps per group.

Add Group

To add a new group, click the *Add* button on the *Group Configuration* section. The *Add / Edit Group* page will be displayed.

Idyicu	
	Raytec Vario IP Lamp Configuration
Add/Edit Group Group Name:	
Available lamps VariolP1 : 192.168.1.127 VariolP2 : 192.168.1.128	Selected lamps
	Cancel OK

To create the group enter the *Group Name*. A new group cannot be added if a group name is already in use.

Next, add lamps to the group by selecting the lamps in the *Available lamps* list and using the >> button to move them into the *Selected lamps* list. Click the *OK* button to save the new group.

Edit Group

To edit a group, click the *Edit* button on the *Group Configuration* section. The *Add / Edit Group* page will be displayed.

raytec [®]			
		Raytec Vario IP	Lamp Configuratio
Add/Edit Group			
Group Name:	TestGroup		
Available lamps	A >> << Add All Clear	Selected lamps VarioIP1 : 192.168.1.12 VarioIP2 : 192.168.1.12	7 8
		C	ancel OK

The *Group Name* can be modified on this page. To add and remove lamps from the group use the >> and << buttons. Click the *OK* button to save the changes.

Remove Group

To remove an existing group, first select the group to be removed from the list of groups and click the *Remove* button in the *Group Configuration* section.

3.3 Event Action Configuration

The *Event Action Configuration* section allows for an event action to be created, edited or removed. Event actions provide a mechanism for lamp actions to be initiated from Axis camera-based events.

Every event action that is created will have a unique Action ID automatically assigned to it.

Event1 : Action ID = 1

Note: This ID is critical and is used later in the Axis camera event configuration. A maximum of 10 event actions can be added.

Add Event Action

To add a new event action, click the *Add* button on the *Event Action Configuration* section. The *Add/Edit Event Action* page will be displayed.

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	Raytec Vario IP Lamp Configura	ati
Add/Edit Event Action		
event Action Name:		
For Lamp:	No Lamp Selected	,
For Group:	No Group Selected	•
The Lamp:	Does Nothing	•
Hybrid Light Type is:	Not Set	,
Deterrent Mode is:	Wave	,
Deterrent Speed is:	Slow	
For:	Seconds	
At:	% (between 20% and 100%)	
Revert to prior power		
And the Relay:	Does Nothing	,
For:	Seconds	

For each event action created the following applies:

G

- A lamp may be assigned to more than one event
- An event may be assigned to a lamp, group or both
- The event will automatically be assigned a unique ID

The event action for a lamp or group can be:

- Does nothing
- Turns on at a given power level (20% 100%)
- Turns on at a given power level for a period of time (1 1092 minutes)
- Turns on in boost mode
- Turns off
- Goes into deterrent mode
- Goes into deterrent mode for a period time (1 65535 seconds)
- When the action is set for a fixed time period the lamp can be made to revert to the previous power level

The available hybrid light types are:

- Not Set
- IR
- WL

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The available deterrent modes are:

- Hi-lo
- Wave
- SOS

The available deterrent mode speeds are:

- Slow
- Medium
- Fast

The relay can be set to the following actions:

- Does nothing
- Turns on
- Turns on for a period between 1 and 65535 seconds
- Turns off

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4. Axis Camera Event Configuration

To setup the Axis camera to control Raytec lamps based on camera events, a couple of configuration items need to be completed. These are:

- Create a Recipient this will be our Raytec Axis ACAP Application.
- Create a Rule this will send notifications to our recipient

Open the Events dialog by clicking on the Events menu item on the System tab.



We will now create the recipient and rule.

4.1 Create Recipient

Click *Recipients* on the *Events* dialog:



Click the '+' button to create a new recipient.

A new window will open. The fields should be filled in as follows:

- Set the name to *Raytec* (you may use whatever name you wish)
- Set the type to HTTP
- Set the URL to http://localhost/local/raytecint/doaction.cgi.
- Input camera login credentials

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The completed form should look like the following:

Name		
Raytec		
Туре		
НТТР		
URL		
http://localhost/local/	raytecint/doaction.cgi	
Username		
root		
Password		
•••••		
Proxy O		
Test		
	Cancel	Save

The setup and connection can be tested by clicking the Test button, the camera will return an "Upload Successful" message if the recipient is set up correctly. If not then there is a mistake on the recipient page.

Note: Newer cameras appear not to allow the use of *localhost* anymore and you may see this error message on testing the recipient.



If you see this error message, use the camera's IP address instead of *localhost* and click test once again, this time you should see a success message.

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4.2 Create Rule

Click Rules on the Events dialog.



Click the '+' and fill the fields in as follows:

- Set the Name of the rule
- Set the *Trigger* condition in our example this is motion detection
- Set the Type to be Send Notification
- Set the *Recipient* to be *Raytec* (this is the recipient we created earlier)
- Set the Query string suffix to id=1

The completed form should look like the following:

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New rule
Vse this rule
Name
MotionDetected
Wait between actions (max 23:59:59)
Condition ^
VMD 4: Any Profile
Invert this condition
Use this condition as a trigger
+
Action
Send notification through HTTP
Recipient
Raytec
Query string suffix
id=1
Message (will be encoded)
Full recipient URL: http://192.168.2.71/local/raytecint/doaction.cgi?id=1
Cancel Save

The custom parameter set up is critical to correct operation. The value (in this example 1) should match the event ID configured previously in the *Raytec Event Action Configuration* that you want to be triggered.



When this action rule is saved and enabled the camera trigger specified in the rule will

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trigger the event configured in the Raytec Axis ACAP Application.

It is possible (though undesirable) to create multiple rules that perform different actions on a lamp for the same given camera event. This situation should be avoided as the result may be confusing since the camera will send multiple action commands (based on the rules) telling the lamp to do different things when the same camera event occurs.

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5. Common Usage Scenarios

This section will provide details on the camera events and Raytec events required to achieve some common usage scenarios.

The usage scenario described in section *5.1* does not require the wiring setup as outlined in section *2.3 Lamp Photocell and External Input State Change Detection*. With this setup the lamp will be controlled autonomously by photocell events (and external input events if configured appropriately). No further configuration will be required in the Raytec Axis ACAP Application. However, please note that without the wiring setup, the camera will not be able to detect photocell and external input events.

The usage scenarios described in section *5.2, 5.3 and 5.4* include responding to the lamp photocell and/or external input state changes. For the camera running the Raytec Axis ACAP Application to detect these changes please ensure the wiring requirements outlined in section *2.3 Lamp Photocell and External Input State Change Detection* have been met. These usage scenarios require further setup in the Raytec Axis ACAP Application and camera.

5.1 Control the Lamp with Photocell Events – VMS + Local Mode

A common usage scenario is for the lamp to turn on when the lamp photocell becomes active (night) and the lamp to turn off when the lamp photocell becomes inactive (day).

To achieve this without requiring any further Raytec Axis ACAP Application configuration the lamp mode should be set to *VMS* + *Local* mode and the lamp settings should be configured as shown below.

	Photocell		Ext Input	
Trigger Control:	Lamp Co	ntrol 🔻	Inactive	•
Respond to Group Commands:	No, Ignore group comm	ands 🔻	No, Ignore group comm	nands 🔻
Lamp Mode On Trigger:		On 🔻	[Off 🔻
Power (%):		100		100
Duration (mins):	All Night 🗹		Duration of Input 🖉	

5.2 Turn on the Lamp when the Photocell becomes Active (Night) – VMS Mode

When the lamp is set to *VMS Mode* it will not respond to photocell or external input events. In this mode, to configure the lamp to turn on when the lamp photocell becomes active (night) using the Raytec Axis ACAP Application, a Raytec event action along with a camera rule needs to be created.



Lamp External Output Setting

For the lamp external output to become active when only the photocell becomes active (night) the lamp *Trigger State* setting for the *Lamp External Output* should be set to the following:

	Trigger State	Active State
External Output	Photocell Only 🔻	Short Circuit / Low 🔻

This setting can be found by navigating to the lamp's *Adv Settings* configuration web page in your browser.

Lamp Event Action

Next, we will configure a lamp *Event Action* called *LampOn*. This will turn our lamp (VarioIP1) on at a level of 100%. The newly created *Event Action* should look like the following:

ray tec [•]	
	Raytec Vario IP Lamp Configuration
Add/Edit Event Action	
Event Action Name:	LampOn
For Lamp:	VarioIP1 : 192.168.1.127
For Group:	No Group Selected
The Lamp:	Turns On
Hybrid Light Type is:	Not Set
Deterrent Mode is:	Wave
Deterrent Speed is:	Slow
For:	Seconds
At:	100 % (between 20% and 100%)
Revert to prior power	
And the Relay:	Does Nothing
For:	Seconds
	Cancel OK

Note: If VarioIP1 was a Hybrid illuminator, you would need to update the Hybrid Light Type field from 'Not Set' to 'IR' or 'WL', depending on which wavelength you wanted to switch on.

The *Event Action Configuration* will show the newly created event action with its ID number (2 in this example).

LampOn : Action ID = 2

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Camera Rule

Next, we will configure a camera *Rule* that will call the *LampOn* event when the lamp photocell state changes to active (night).

Create a new Action Rule called DigitalInputActive. Change the settings to match those shown below.

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New rule
✓ Use this rule
Name
DigitalInputActive
Wait between actions (max 23:59:59)
00:00:00
Condition
Digital input 💌
Invert this condition
✓ Use this condition as a trigger
Port
Input 1 💌
+
Action
Send notification through HTTP
Recipient
Raytec
Query string suffix
id=2
Message (will be encoded)
Full recipient URL:
http://192.168.2.71/local/raytecint/doaction.cgi?id=2
Cancel Save

Note: the id value of 2 in the above example may differ from your auto-generated id value. You should use the value that was auto-generated for yourself. The trigger name for the digital input port and input number may be slightly different depending on your camera type.

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Ensure the *DigitalInputActive* rule has "Use this rule" checked.

With this *Rule* and Raytec *Event Action* configured the lamp will come on when it becomes dark.

5.3 Turn off the Lamp when the Photocell becomes Inactive (Day) – VMS Mode

When the lamp is set to *VMS* mode it will not respond to photocell or external input events. In this mode, to configure the lamp to turn off when the lamp photocell becomes inactive (day) we will use the Raytec Axis ACAP Application to configure a Raytec event action along with a camera rule.

Lamp External Output Setting

The lamp External Output Trigger State should be configured as in section 5.2.

Lamp Event Action

Next, we will configure a lamp *Event Action* called *LampOff.* This will turn our lamp (VarioIP1) off. The newly created *Event Action* should look like the following:

raytec*	
	Raytec Vario IP Lamp Configuration
Add/Edit Event Action	
Event Action Name:	LampOff
For Lamp:	VarioIP1 : 192.168.1.127
For Group:	No Group Selected
The Lamp:	Turns Off
Hybrid Light Type is:	Not Set
Deterrent Mode is:	Wave
Deterrent Speed is:	Slow
For:	Seconds
At:	% (between 20% and 100%)
Revert to prior power	
And the Relay:	Does Nothing
For:	Seconds
	Cancel OK

On the *Lamp Configuration* page the *Event Action Configuration* will show the newly created event action with its ID number (3 in this example).

LampOff : Action ID = 3

Camera Rule

Next, we will configure a camera Rule that will call the LampOff event when the lamp

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photocell state changes to inactive (day).

Create a new *Rule* called *DigitalInputInactive*. Change the settings to match those shown below.

New rule		
✓ Use this rule		
Name		
DigitalInputInactive		
Wait between actions (max 23:59:59)		
00:00:00		
Condition ^		
Digital input		
Invert this condition		
✓ Use this condition as a trigger		
Port		
Input 1 💌		
+		
Action		
Send notification through HTTP		
Recipient		
Raytec		
Query string suffix		
Id=5		
Message (will be encoded)		
Full recipient URL: http://192.168.2.71/local/raytecint/doaction.cgi?id=3		
Cancel Save		

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Note: the id value of 3 in the above example may differ from your auto-generated id value.

Ensure the *DigitalInputInactive* rule has "Use this rule" checked.

With this *Rule* and Raytec *Event Action* configured the lamp will turn off when it becomes light.

5.4 Turn on the Lamp in Deterrent Mode when the Camera Detects Motion (at night only) – VMS Mode

When the lamp is set to VMS mode it will not respond to photocell or external input events.

In this mode, to turn the lamp on in deterrent mode when the camera detects motion, but only during the night and not during the day, we will use the Raytec Axis ACAP Application to configure a Raytec event action along with a camera rule.

Lamp External Output Setting

The lamp External Output Trigger State should be configured as in section 5.2.

Lamp Event Action

Next, we will configure a lamp *Event Action* called Deterrent. This will turn our lamp (VarioIP1) on in deterrent mode for 20 seconds and revert to the previous power level when finished. The newly created *Event Action* should look like the following:

raytec"	
	Raytec Vario IP Lamp Configuration
Add/Edit Event Action	
Event Action Name:	Deterrent
For Lamp:	VarioIP1 : 192.168.1.127 🔹
For Group:	No Group Selected
The Lamp:	Goes Into Deterrent Mode For
Hybrid Light Type is:	Not Set
Deterrent Mode is:	Wave
Deterrent Speed is:	Fast
For:	20 Seconds
At:	% (between 20% and 100%)
Revert to prior power	
And the Relay:	Does Nothing
For:	Seconds
	Cancel OK

Notice that the hybrid light type is disabled when deterrent is selected, this is because the white light wavelength is triggered for deterrent on hybrid illuminators.

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On the *Lamp Configuration* page the *Event Action Configuration* will show the newly created event action with its ID number (1 in this example).

Deterrent : Action ID = 1

Camera Rule

Next, we will configure a camera *Rule* that will call the *Deterrent* event when the camera detects motion. We will also add an additional condition to this rule so the *Deterrent* event is only called when it is dark (digital input is active).

Create a new Rule called MotionActive. Change the settings to match those shown below:

New rule	
Vse this rule	
Name	
MotionActive	
Wait between actions (max 23:59:59)	
00:00:00	
Condition 1	^
VMD 4: Any Profile	•
Invert this condition	
Use this condition as a trigger	
Condition 2	^
Digital input	•
Invert this condition	
Port	
Input 1	
	×
+	

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Action		^
Send notification throug	Jh HTTP	•
Recipient		
Raytec		
Query string suffix		
id=1		
Message (will be encode	ed)	
Full recipient URL:		
http://192.168.2.71/local	/raytecint/doactio	on.cgi?id=1
	Cancel	Save

Note: the id value of 1 in the above example may differ from your auto-generated id value. Also, this action is triggered based on a profile created in Axis' Video Motion Detection application, your Trigger may differ here.

Also note we have added a second condition to our rule. This is where we specify the condition that the Digital Input Port must be active (night).

Condition 2	^
Digital input	•
Invert this condition	
Port	
Input 1	
	X

Ensure the *MotionActive* rule has "Use this rule" checked.

Having configured this *Rule* and Raytec *Event Action* the lamp will come on in deterrent mode, but only when it is dark.

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6. Troubleshooting and Customer Support

To allow the Raytec Axis ACAP Application to control the lamp, please close any other applications (such as Raytec DiscoMan) and disable any other Raytec VMS Integrations.

Check if green indicator light is ON on the bottom of the unit and communication with the unit is OK. If the unit can be opened in a web browser than we can assume that the communication is OK.

Ensure that the lamp is set to VMS or VMS + local mode.

For lamps running firmware v1.1.x:

Ensure the Local (No VMS server) checkbox is not checked.



For lamps running firmware v1.2.x or higher use VMS for VMS + Local mode

Settings / Groups		
This page allows the administrator to amend se		
Lamp Mode: VMS T		
Name:	VARIOIP2	

Settings / Groups		
This page allows the administrator to amend s		
Lamp Mode: VMS + Local V		
Name:	VARIOIP2	

Ensure that override mode is not active on the lamp, this can be seen on the lamps home page.

Check if the Raytec Axis ACAP Application is running:

Raytec Lamp Integration	
Start	Status: Running
Version: 2.3-0 Vendor: Raytec Ltd	
Open third-party software licenses	
App log	
Î	Open

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If multiple applications are being used, please ensure that the camera firmware can support multiple applications at the same time.

Ensure that lamp names and IP addresses in the Raytec Axis ACAP Application match lamp names and addresses.

Ensure that recipient is set up correctly. Type is set to HTTP and URL syntax is correct:

http://localhost/local/raytecint/doaction.cgi

If the use of *localhost* raises an error, substitute this for the camera's IP address e.g.

http://192.168.2.100/local/raytecint/doaction.cgi

Login credentials should match the camera credentials

Recipient test should be successful. Error 404 would indicate a credentials error, where error 401 would indicate server service error, incorrect URL syntax or internal Raytec Axis ACAP Application issue.

New recipient		
Name		
Raytec		
Туре		
HTTP		•
URL		
http://localhost/local/	/raytecint/doaction.	cgi
Username		
root		
Password		
•••••		
Proxy O		
Test		
	Cancel	Save

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Ensure camera rules are enabled.

Check that the camera Rules and Raytec Axis ACAP Application Event Actions are all configured correctly.

Ensure that parameter name is "id" when creating action rule - lower case

Ensure that the camera responds correctly to the trigger conditions

A lamp's event action can be triggered directly from the browser (Chrome is recommended) by using a HTTP command string. This would force the action without the trigger condition and bypass the camera's rule. If the lamp responds to the command then there is an issue with the trigger.

http://<camera IP>/local/raytecint/doaction.cgi?id=1

Event Action syntax requires the camera's IP address and "id=1" corresponds to the event action configuration id. The string can also be viewed by clicking view URL and it should match the syntax above.

The application log file can be opened by clicking App log on the Raytec Lamp Integration page:

 Status: Running
Open
open

Once the log file has been opened check for any entries that contain the following text:

"Failed to create socket"

If this type of entry is found it is likely that another application on your network has an open socket to the lamp that is trying to be controlled. Examples of this type of application include the Raytec DiscoMan application or another VMS system that has a Raytec Integration installed that is connected to the lamp.

Ravtec Americas: