

# **Using Guard Tour and operator controls in AXIS Camera Station**

**Created: March 30, 2016**  
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**Rev: 1.2**

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- 1** Please note that AXIS does not take any responsibility for how this configuration may affect your system. If the modification fails or if you get other unexpected results, you may have to restore the factory default settings as described in the User's manual.

## Introduction

The following document highlights how to use the Guard Tour functionality and interrupt it with an operator control from AXIS Camera Station. The Guard Tour will resume after the “Control queue polltime” has been reached.

The document explains how to:

- Change the Control queue configuration
- Disable the use of cookies
- Create action buttons to start/stop the guard tour in ACS

This following configuration has been tested with the following products and firmware:

Pre 7.20 - AXIS Q6045-E MkII, firmware 5.70.1.2 and Axis Camera Station 5.12.  
7.20 or higher - AXIS Q6054-E, firmware 7.20.1 and Axis Camera Station 5.12.

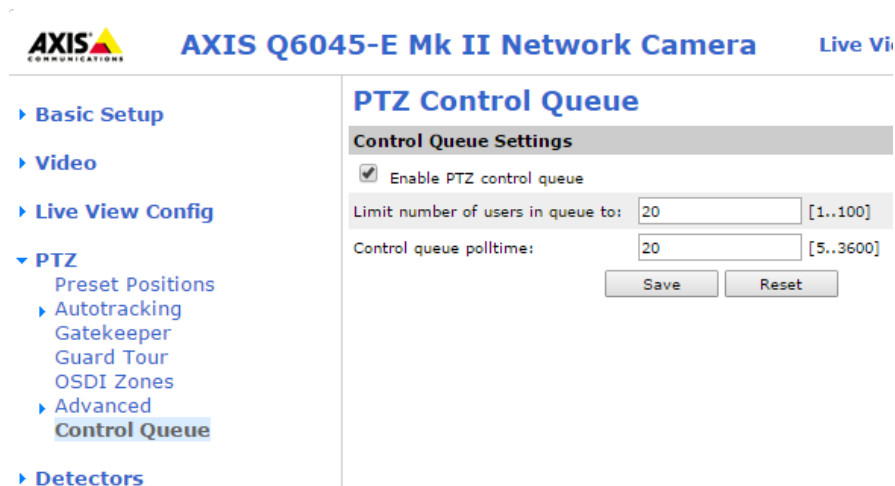
### Requirements:

Make sure the PTZ camera is **not** added to AXIS Camera station before starting. If it is already added, remove it from AXIS Camera Station.

### Step 1 – Create a Guard Tour on the camera’s webpage.

Not detailed in this document.

### Step 2a – Pre 7.20 – Enable Control Queue in the camera’s PTZ configuration.



1. Click “**Enable PTZ Control Queue**” and click **Save**.

Note: The “Control queue polltime” is the time (in seconds) the Guard Tour will start again after the last operator movement.

### Step 2b – Pre 7.20 – Disable Cookies for Control Queue

1. Navigate to **System Options > Advanced > Open script editor.**
2. Open the **ptz\_user\_ctlqueue.conf** file located in the **ptz** folder.
3. Change **UseCookie=yes** to **UseCookie=no** for the **[PTZ.UserCtlQueue.U0]** entry.

File: /etc/ptz/ptz\_user\_ctlqueue.conf Leng  
 Save as: /etc/ptz/ptz\_user\_ctlqueue.conf

```
[PTZ.UserCtlQueue.U0]
UserGroup="Administrator"
UseCookie=no
Priority=10
TimeoutType=activity
TimeoutTime=60

[PTZ.UserCtlQueue.U1]
UserGroup="Operator"
UseCookie=no
```

4. Restart the camera and add it to AXIS Camera Station.

### Step 2a – 7.20 or higher – Enable Control Queue in the camera’s PTZ configuration.

1. Navigate to **Settings > System > Plain Config.**
2. Select **PTZ** and click on **Select Group.**
3. Find and check **Enable PTZ Control Queue.**

Enable PTZ Control Queue:

4. Click on **Save** at the bottom of the page.

### Step 2b – 7.20 or higher – Disable Cookies for Control Queue

1. Navigate to **Settings > System > Plain Config.**
2. Select **PTZ** and click on **Select Group.**
3. Find **PTZ UserCtlQueue U0** and uncheck **Use Cookie.**

Use cookie:

4. Click on **Save** at the bottom of the page.
5. Restart the camera and add it to AXIS Camera Station.

### Step 3 – Create Start/Stop Guard Tour buttons (Optional)

If you wish, you can create start and stop action button in the AXIS Camera Station Live View in order to Stop the guard tour without having to move the PTZ. By default, the guard tour will start again after 20 seconds inactivity, this can be extended as described in step 2.

To create the action buttons proceed as following:

1. In AXIS Camera Station, go to **Menu > configuration > event configuration.**
2. Select the advanced rules tab, click new.
3. In the trigger section click add and select action button. Click ok.
4. Create a new button and on the next screen select command button, name it “Start Tour” for example and assign it to the proper camera ( note you will need one event per camera )
5. In the rule window hit next and then add for the action.
6. For the action select send HTTP notification.
7. Enter the URL and username/password for the camera you wish to send the command to.

The Start command is:

*http://cameraip/axis-cgi/admin/param.cgi?action=update&GuardTour.G0.Running=yes*

Replace **cameraip** by the ip address of the camera.

8. Repeat the above for the "Stop Tour" and use the stop command:

*http://cameraip/axis-cgi/admin/param.cgi?action=update&GuardTour.GO.Running=no*

### Notes:

- Any user of AXIS Camera Station will have the same privileges when it comes to controlling the PTZ camera. This is because the credentials used by ACS to contact the camera are the root username and password. This means that an ACS admin will not have priority over an ACS operator.
- With the above configuration, an Operator navigating to a new split view will automatically trigger AXIS Camera Station to send a PTZ STOP command to the camera (in order to avoid infinite movement), thus causes AXIS Camera Station to request PTZ control. This can be avoided by disabling these PTZ STOP commands with version 5.12 and above:
  - Close AXIS Camera Station Client and navigate to:  
*C:\ProgramData\Axis Communications\AXIS Camera Station\<ACS version>\*
  - Open ClientSettings.xml in a text editor and change **SendPtzStop** to **False**.
  - Start AXIS Camera Station Client and the new value should take effect automatically.