

This document describes how to modify the event settings on AXIS 207/207W camera to upload continuously a JPEG-image every second the predefined FTP server.

NOTE: Axis Quality Assurance does not test the described functionality -scheduled event - of this document.

Get started

AXIS 207 or AXIS 207W camera with firmware version 4.40 or higher

Administration rights on the video product are needed.

FTP Server parameters, like IP address, upload path, user name and password

Step 1: Create an Event

1. To access your AXIS device enter the IP address of the camera in the address field of a browser and go to **Setup | Event Configuration | Event Settings**.
2. Enable the checkbox for **Event enabled**.
3. Choose **Manual Trigger** for **Triggered by**.
4. Enable the checkbox **Upload images/video** and select **FTP** as upload type.
5. Choose **JPEG Image(s)** as file format.
6. Click on **Primary FTP server settings** to define the FTP server. *[Example - page 3]*
7. Choose only post-buffer with 1 second and an image frequency of 1 second.
8. Enter image name and choose the suffix.
9. Confirm all settings with **Save**. *[Example - page 3]*

Step 2: Test the Event

1. Go to **Setup | Live View Config | Layout**
2. Make sure that **Show manual trigger button** is enabled.
3. Now choose the **Live View** page and click on the trigger button to start and later to stop the event.
4. Check if the image is uploaded.
If it failed, use the information from the log file on the camera (**Setup | System Options | Support | Logs & Reports | Logs**) and from the FTP server to identify the problem.

Please note that Axis does not take any responsibility for how this configuration changes 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.

Step 3: Modify the event settings for continuously upload

1. Go to Setup | System Options | Advanced | Plain Config.
2. Choose from the drop down list the group Event. The settings for the created event will be displayed.
3. Change the following settings:

Type:	S	Change from T (triggered) to S for scheduled.
SW Input:		Remove the contents
Weekdays:	1111111	Default value, all days So - Sa
Start time:	00:00	Default value, start time
Duration:	24:00	Default value, duration per day
Include pre trigger:		Disabled
Include post trigger:		Disabled
Include best effort:		Enabled (disabled by default)
Best effort interval	1000	Frame rate in milliseconds
Best effort interval unit:	s	Seconds

See example on page 4.

4. Click on Save to confirm these settings.

Step 4: Start the new event

Now go to Setup | System Options | Maintenance and click on Restart.

Because the settings are not changed via the Event Settings web page the camera needs to be restarted to accept the changes and start the modified event.

Additional Information

More information:

http://www.axis.com/techsup/cam_servers/dev/cam_http_api_2.htm

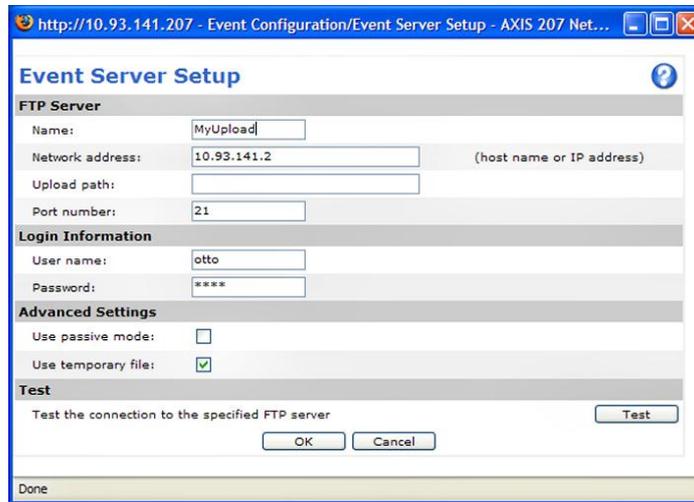
http://www.axis.com/techsup/cam_servers/dev/cam_param_2.htm

http://www2.axis.com/files/tech_notes/http_event_handling_en.pdf

General: http://www.axis.com/techsup/cam_servers/dev/index.htm

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Example – FTP server settings

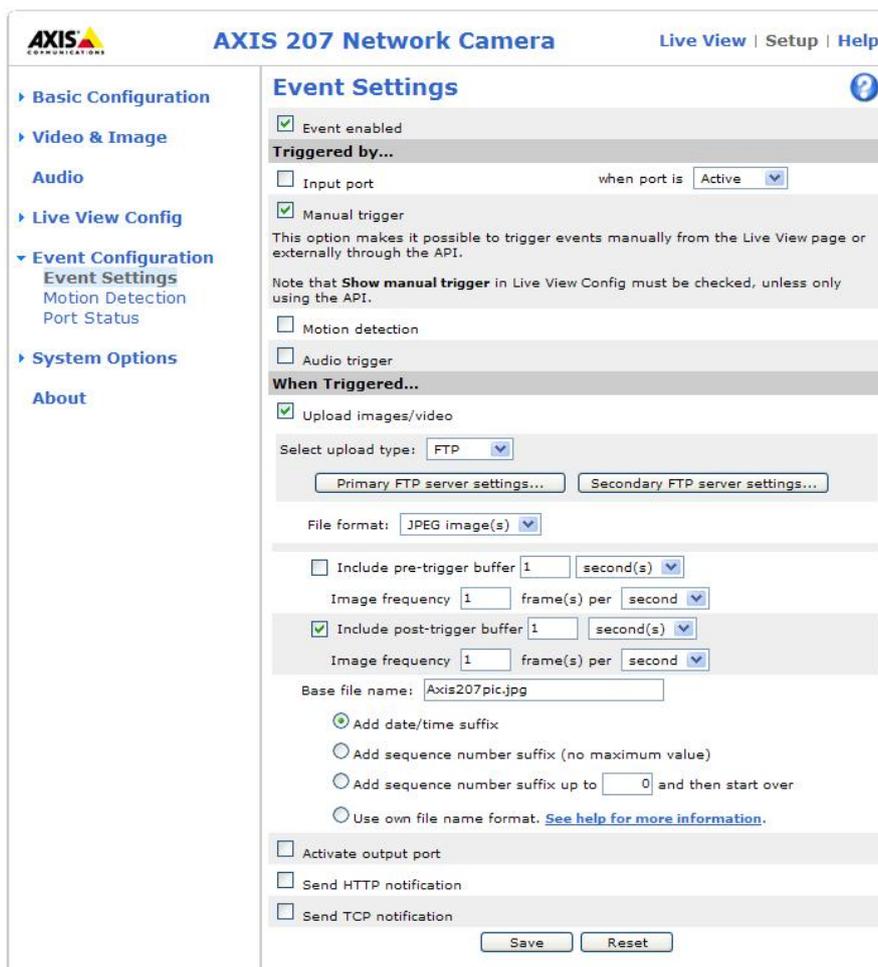


The screenshot shows the 'Event Server Setup' window for an AXIS 207 Network Camera. The interface is divided into several sections:

- FTP Server:**
 - Name: MyUpload
 - Network address: 10.93.141.2 (host name or IP address)
 - Upload path: (empty)
 - Port number: 21
- Login Information:**
 - User name: otto
 - Password: ****
- Advanced Settings:**
 - Use passive mode:
 - Use temporary file:
- Test:**
 - Test the connection to the specified FTP server
 - Buttons: Test, OK, Cancel

At the bottom of the window, the status 'Done' is displayed.

Example – Event settings



The screenshot shows the 'Event Settings' page for an AXIS 207 Network Camera. The interface includes a navigation menu on the left and a main configuration area on the right.

Navigation Menu:

- Basic Configuration
- Video & Image
- Audio
- Live View Config
- Event Configuration
 - Event Settings (selected)
 - Motion Detection
 - Port Status
- System Options
- About

Event Settings Configuration:

- Event enabled
- Triggered by...**
 - Input port when port is Active
 - Manual trigger

This option makes it possible to trigger events manually from the Live View page or externally through the API.

Note that **Show manual trigger** in Live View Config must be checked, unless only using the API.
 - Motion detection
 - Audio trigger
- When Triggered...**
 - Upload images/video
 - Select upload type: FTP
 - Buttons: Primary FTP server settings..., Secondary FTP server settings...
 - File format: JPEG image(s)
 - Include pre-trigger buffer 1 second(s)
 - Image frequency 1 frame(s) per second
 - Include post-trigger buffer 1 second(s)
 - Image frequency 1 frame(s) per second
 - Base file name: Axis207pic.jpg
 - Add date/time suffix
 - Add sequence number suffix (no maximum value)
 - Add sequence number suffix up to 0 and then start over
 - Use own file name format. [See help for more information.](#)
 - Activate output port
 - Send HTTP notification
 - Send TCP notification

Buttons: Save, Reset

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Example – Modified event settings via Plain Config

Event

Event E0:

Name:	default
Type:	S
Enabled:	<input checked="" type="checkbox"/>
Active:	yes
Priority:	1
Image:	0
HW inputs:	
SW input:	
Weekdays:	1111111
Starttime:	00:00
Duration:	24:00
Image URL settings enabled:	<input type="checkbox"/>
Image URL settings:	
Include pre trigger:	<input type="checkbox"/>
Pre trigger size:	5
Pre trigger interval:	1000
Pre trigger interval unit:	s
Pre trigger unit:	s
Include post trigger:	<input type="checkbox"/>
Post trigger size:	1
Post trigger interval:	1000
Post trigger interval unit:	s
Post trigger unit:	s
Include best effort:	<input checked="" type="checkbox"/>
Best effort interval:	1000
Best effort duration:	0
Best effort interval unit:	s
Best effort duration unit:	s
File name:	My207_pic_web.jpg
Suffix:	%y-%m-%d_%H-%M-
File format:	jpg
Include audio:	<input type="checkbox"/>
Max sequence number:	0
MPEG pre trigger duration:	5
MPEG post trigger duration:	1

More information about the time scheduling:

http://www.axis.com/techsup/cam_servers/dev/files/utask_task_list.pdf

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