

Send an image every 5 minutes to web server

AXIS 207/207W with firmware 4.40 or higher

This document describes how to modify the event settings on AXIS 207/207W camera to update a JPEG-image every 5 minutes via FTP upload. This can be used to provide a new image every 5 minutes on a web page. In this example the upload will run every day between 09:00 and 17:00.

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 (Web 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]*.
Enable the checkbox **Use passive mode** if the FTP/Web server requests PASV mode or there is a firewall between the camera and the FTP server. When the option **Use temporary file** is enabled, the new file will be uploaded with a temporary name. The original file is then deleted and the new file is given the original file name.
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:	09:00	Start time
Duration:	08:00	Duration per day
Include pre trigger:		Disabled
Include post trigger:		Disabled
Include best effort:	✓	Enabled (disabled by default)
Best effort interval	60000	Frame rate in milliseconds
Best effort interval unit:	m	Minutes
Suffix		Remove the contents to get the overwrite mode

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

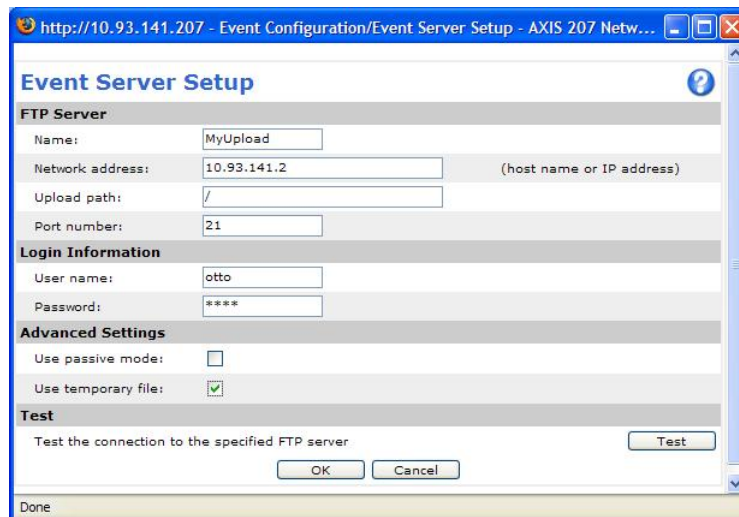
More information:

- 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



Event Server Setup

FTP Server

Name: MyUpload

Network address: 10.93.141.2 (host name or IP address)

Upload path: /

Port number: 21

Login Information

User name: otto

Password: ****

Advanced Settings

Use passive mode: ☐

Use temporary file: ☒

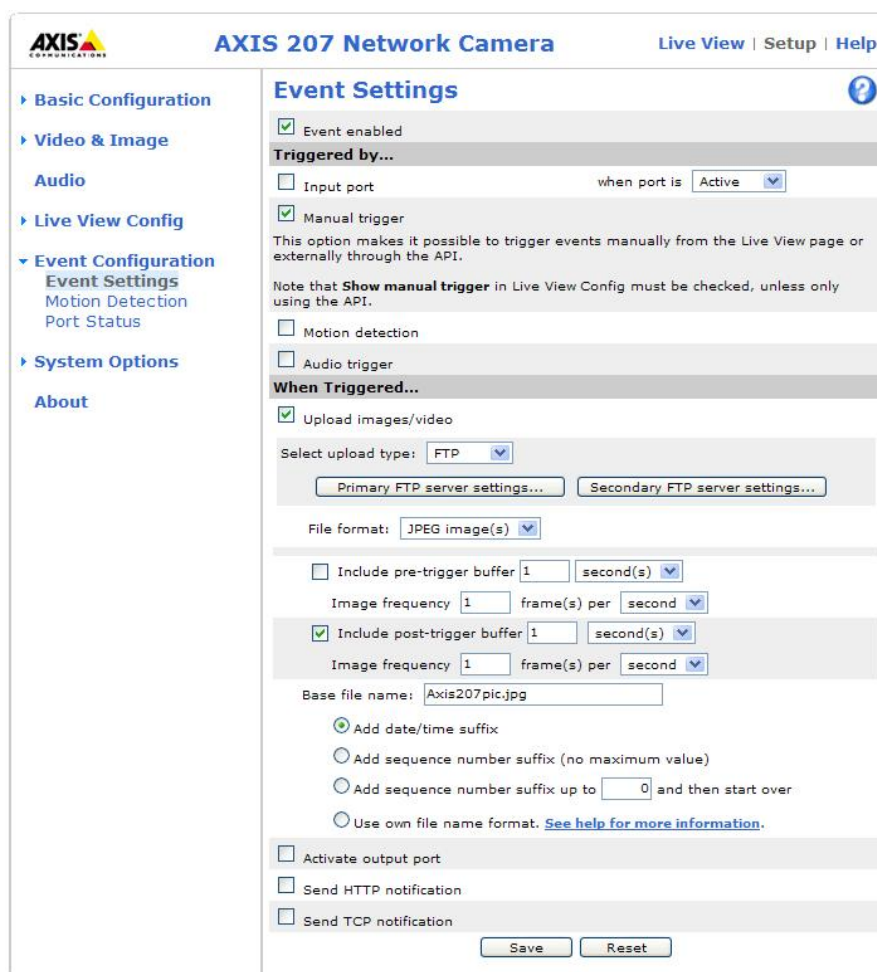
Test

Test the connection to the specified FTP server

Test OK Cancel

Done

Example – Event settings



AXIS 207 Network Camera Live View | Setup | Help

Event Settings

☒ 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

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

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:	09:00
Duration:	08:00
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:	60000
Best effort duration:	0
Best effort interval unit:	m
Best effort duration unit:	s
File name:	My207_pic_web.jpg
Suffix:	
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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