

Quick Start Guide of Uploading Snapshot to FTP



Quick Start Guide of Uploading Snapshots to FTP

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Upload snapshot to FTP

There are two types of snapshot can be uploaded to FTP: Timing and Event-Triggered.

Live View	Playback	Log	Configuration	
Local Configuration O Local Configuration	Record Schedule	Storage Management NAS	Snapshot	
Basic Configuration	Timing			
Advanced Configuration	ation 🖌 🗌 Enable Tin	ning Snapshot		
System	Format	JPEG	\checkmark	
Network	Resolution	1920*1080	\checkmark	
Video/Audio	Quality	High	\checkmark	
Image	Interval	0	milli	second 🗸
Security				
O Events	Event-Trigger	red		
Storage	Enable Ev	ent-Triggered Snapshot		
	Format	JPEG	\checkmark	
	Resolution	1920*1080	\checkmark	
	Quality	High	\checkmark	
	Interval	1000	milli	second 🗸
	Capture Numb	der 4		

Figure 1

Timing

- 1. **Timing snapshot** means continuous capturing the images from main stream. As shown in the figure below, please enable timing snapshot by ticking the checkbox and select other options according to your request.
 - **Format:** Only JPEGE format is supported.
 - **Resolution:** it is consistent with the resolution of main stream. If you want to change it, please got Video/Audio menu and change the resolution there, see figure 3 below.
 - Quality: High, Medium and Low. The better the quality is, the clearer the snapshot is and the bigger the snapshot size is as well.
 - **Interval:** It stands for the interval of each two snapshots. For example, if the interval is 1000ms, it means camera captures one image every second.

Note:

2xxx series cameras support at least 1000ms for interval. 4xxx series cameras support at least 500ms for interval which means 4xxx cameras are able to capture two images every second at most. However, presently 4xxx cameras can only upload upmost 1 image per second to the ftp. We will fix it in the version V5.2.0.



Timing					
Enable Timing Snapsh	ot				
Format	JPEG	~			
Resolution	1920*1080	~			
Quality	High	~			
Interval	1000	millisecond V			
Figure 2					



Figure 3

2. FTP Settings

Go to **Network** >> **FTP** and input the ftp information that you want to upload snapshots to and the directory you want to save the snapshots in. Please remember to tick the checkbox of Upload Picture, then click **Save** button.

Note:

Only IP address is supported as the Server Address. The domain name will be supported in the version V5.2.0.

HIKVISION **Quick Start Guide of Uploading Snapshots to FTP** Live View Playback Log Configuration TCP/IP Port DDNS PPPoE SNMP QoS (FTP) Wi-Fi UPnP™ Email NAT Local Configuration 5 Local Configuration 203.160.90.227 Server Address Basic Configuration ^ Port 21 Advanced Configuration User Name Temp_Stanley Anonymous System Password O Network Confirm Video/Audio Directory Structure Save in the child directory. \checkmark Image Security ~ Parent Directory Use Device IP address Events ~ Child Directory Use Camera Name Storage Upload Picture Upload Type



Event-Triggered

- 1. Event-Triggered snapshot means camera captures the images from main stream when there is an event happening. As shown in the figure 8 below, please enable event-triggered snapshot by ticking the checkbox and select other options according to your request.
 - Format: Only JPEGE format is supported.
 - **Resolution:** it is consistent with the resolution of main stream. If you want to change it, please got Video/Audio menu and change the resolution there, see figure 9 below.
 - **Quality: High, Medium and Low.** The better the quality is, the clearer the snapshot is and the bigger the snapshot size is as well.
 - Interval: It stands for the interval of each two snapshots. For example, if the interval is 1000ms, it means camera captures one image every second.
 - **Capture Number:** It stands for how many snapshots you want the camera to capture.

Note:

- 2xxx series cameras support at least 1000ms for interval. 4xxx series cameras support at least 500ms for interval which means 4xxx cameras are able to capture two images every second at most. However, presently 4xxx cameras can only upload upmost 1 image per second to the ftp. We will fix it in the later version.
- The first snapshot is captured when the event happens. For example, if the event happens at 06:30:30, the timestamp of the first snapshot is also 06:30:30. And if the interval is 1s and the capture number is 3, then the timestamp of the second and the third image is respectively 06:30:31 and 06:30:32.



Event-Triggered

Enable Event-Triggered Snapshot						
Format	JPEG	~				
Resolution	1920*1080	\checkmark				
Quality	High	~				
Interval	1000	millisecond V				
Capture Number	4					

Figure 8

Live View	Playback	Log	Configuration
Local Configuration Local Configuration	Video Audio	ROI	
Basic Configuration	Stream Type	Main Strea	am(Normal)
Advanced Configuration	Video Type	Video&Auc	dio 🗸
 System 	Resolution	1920*1080	
O Network	Bitrate Type	Variable	\checkmark
Video/Audio	Video Quality	Medium	\checkmark
○ Image	Frame Rate	25	~
 Security 	Max. Bitrate	4096	Kbps
Events	Video Encodi	ing H.264	~
Storage	Profile	Main Profil	e 🗸
	I Frame Inter	val 50	
	SVC	OFF	~



2. FTP Settings

Go to **Network >> FTP** and input the ftp information that you want to upload snapshots to and the directory you want to save the snapshots in. Please remember to tick the checkbox of Upload Picture, then click **Save** button.

Note:

Only IP address is supported as the Server Address. The domain name will be supported in the later version.



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Live View	F	Playback			Log			Configuration			
Local Configuration Local Configuration Basic Configuration 	n	TCP/IP Port DDNS Server Address		PPPoE SNMP QoS FTP Wi-Fi UPnP™ Em 203.160.90.227					Email	NAT	
Advanced Configuration System Network Network	tion ¥	Port User Name Password			21 Temp_Stanley One						
Video/Addio Image Security Events		Directory Structure Parent Directory		Save in the child directory.							
© Storage		Uplo	ad Type	ory e		e Camera Upload Pi	cture				

Figure 10

3. Configure Linkage Method of the Event

Go to *Events* menu and select the event type you want and under *Linkage Method* tick the checkbox of option *Upload to FTP*.

Linkage Method	
Normal Linkage	Other Linkage
Audible Warning	Trigger Alarm Output 🗌 Select All
Notify Surveillance Center	□ A->1
Send Email	
Upload to FTP	
Trigger Channel	

Figure 11

Notes of uploading snapshots to ftp:

- 1. 2xxx series cameras support at least 1000ms for interval. 4xxx series cameras support at least 500ms for interval which means 4xxx cameras are able to capture two images every second at most. However, presently 4xxx cameras can only upload upmost 1 image per second to the ftp. We will fix it in the version V5.2.0.
- For event-triggered snapshot: the first snapshot is captured when the event happens. For example, if the event happens at 06:30:30, the timestamp of the first snapshot is also 06:30:30. And if the interval is 1s and the capture number is 3, then the timestamp of the second and the third image is respectively 06:30:31 and 06:30:32.
- 3. Only IP address is supported as the Server Address. The domain name will be supported in the version V5.2.0.