



Unlimited New View

How to Set Up an FTP Server and Upload Snapshots for a Uniview Camera and NVR?

Title	How to Set Up an FTP Server and Upload Snapshots for a Uniview Camera and NVR?	Version:	V1.0
Product	NVR	Date	12/11/2023

How to Set Up an FTP Server and Upload Snapshots for a Uniview Camera and NVR?

Description

Note: This method is applicable to most of the scenarios encountered problems, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team.

https://global.uniview.com/Support/Service_Hotline/

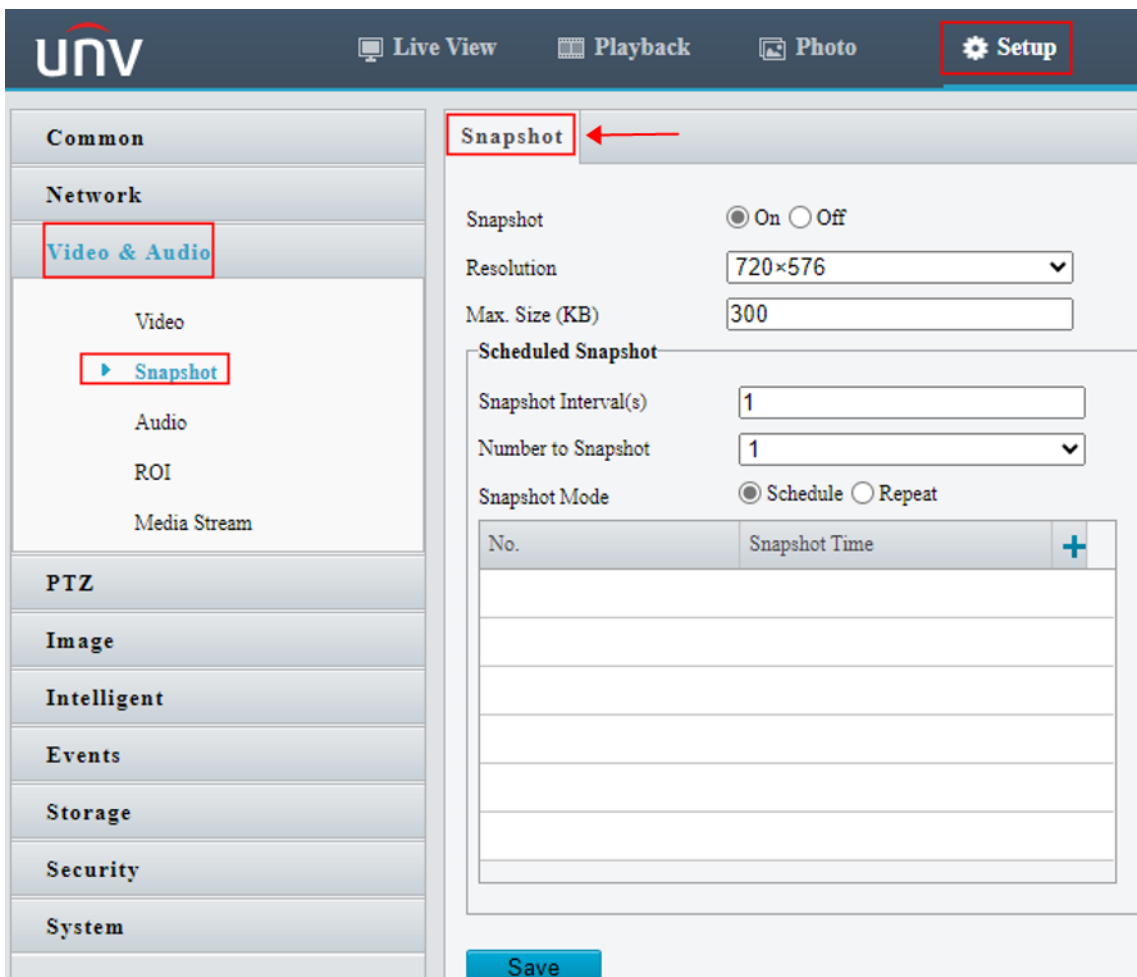
Operating Steps

Set up for a standalone Uniview camera

1. Uploading scheduled snapshots

Step 1 Set up a rule for the snapshots under **Setup>Video & Audio>Snapshot** on the camera's web interface.

Step 1.1 Enable Snapshot and set the resolution and maximum size of snapshots to be saved.



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Step 1.2 Set the snapshot mode.

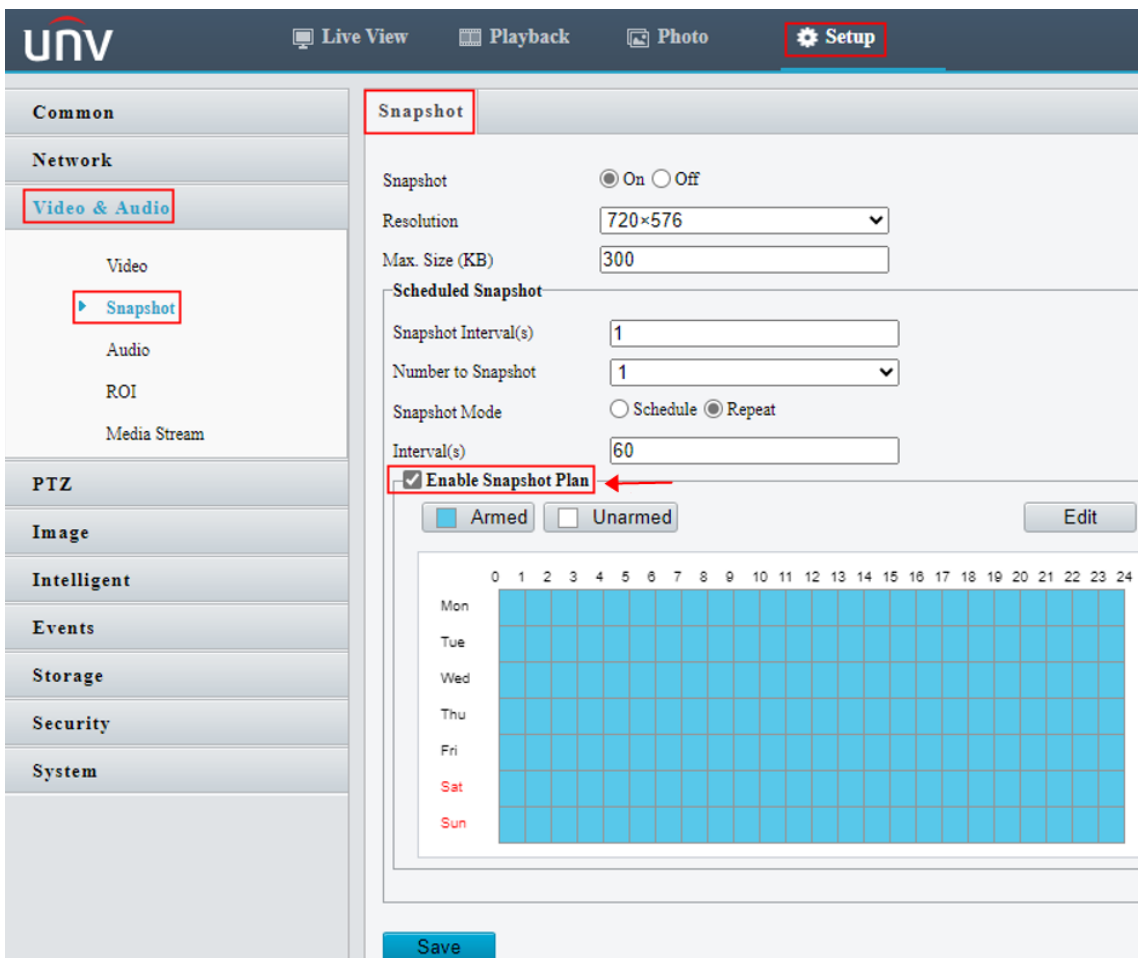
Schedule: Set a time for snapshot. For example, with snapshot interval set to 20s, number to snapshot set to 3, and snapshot time set to 16:00:00, the camera will take a snapshot at 16:00:00, 16:00:20 and 16:00:40.

To delete a snapshot time, click .

Repeat: Set an interval for snapshot. For example, with snapshot plan set to 16:00:00 to 20:00:00 on Monday, repeat interval set to 120s, snapshot interval set to 20s, and number to snapshot set to 2, the camera will take a snapshot at 16:00:00, 16:00:20, 16:02:00 and 16:02:20.

a. Select **Repeat** and set the repeat interval. A valid repeat interval range is from 1 to 86400.

b. Select the **Enable Snapshot Plan** check box and set the snapshot plan. A 24/7 snapshot plan is enabled by default.

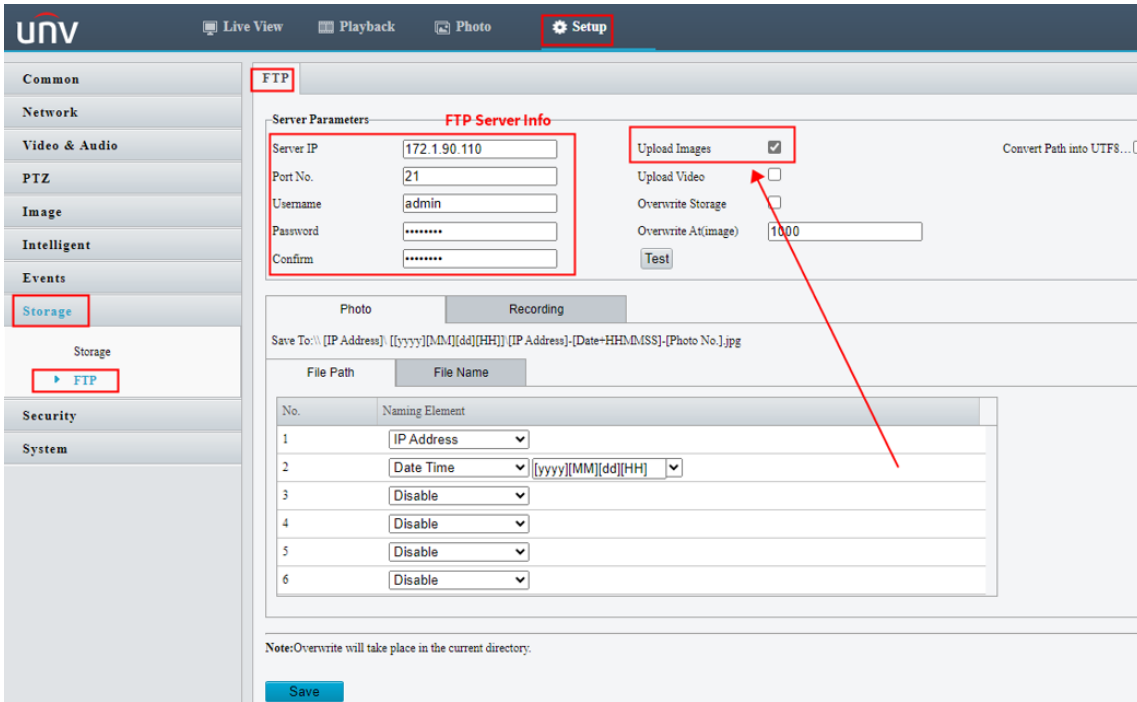


Step 1.3 Set the snapshot interval and number to snapshot. For example, if the interval is set to 1s and the number to snapshot is set to 2, the camera will take 2 snapshots (take one first and then take another after 1 second).

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Step 1.4 Click Save.

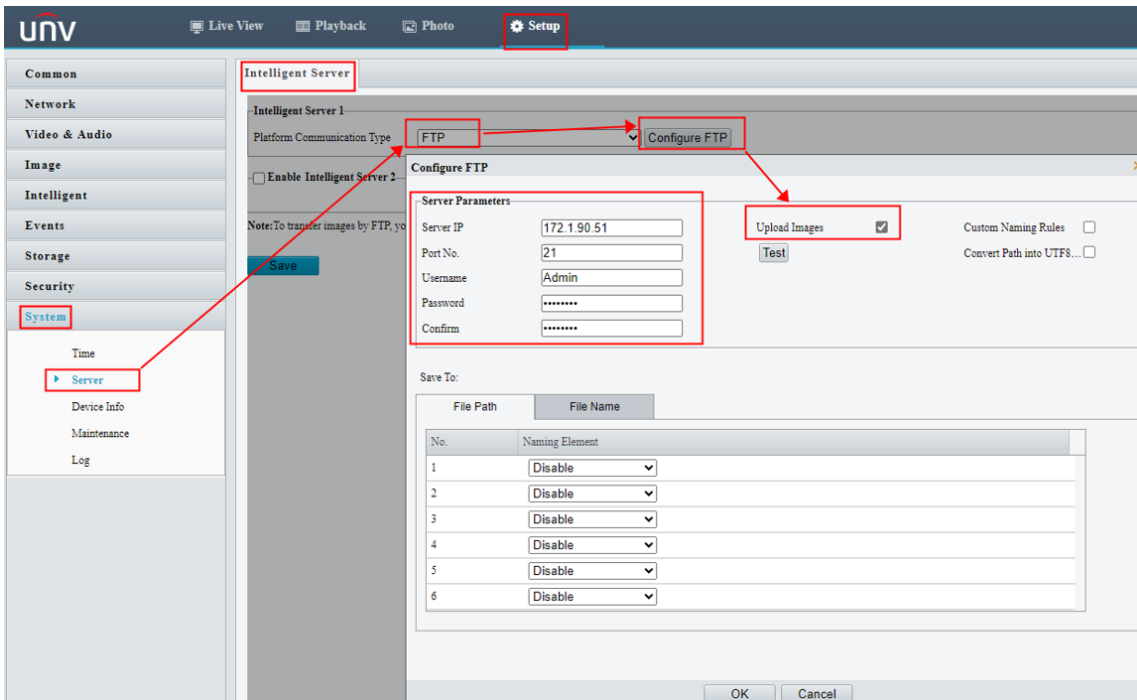
Step 2 Set up the FTP server under **Setup>Storage>FTP** and then tick **Upload Images** once the scheduled snapshot is set up in steps above.



2. Uploading alarm snapshots

Step 1 Set up **FTP Intelligent Server** under **Setup>System>Server**, and then tick **Upload Images** and click **OK** and **Save**.

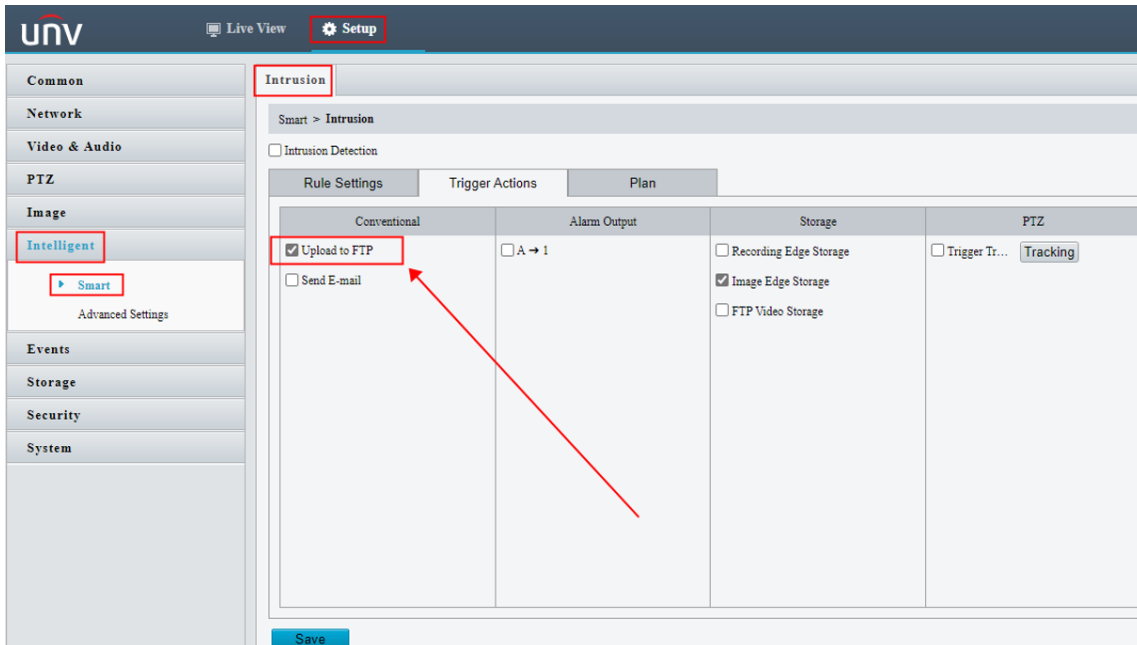
Note: Platform Communication Type: FTP



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Step 2 Set up alarm triggered snapshot under **Setup>Intelligent>Smart** and choose a desired smart function.

Note: In the following guidance Intrusion Detection will be used for demonstration. And only certain models support this configuration.



Step 3 Set up the rule and arming schedule. Enable **Upload to FTP** under **Trigger Actions**.

Set up for a Uniview camera on an NVR

Step 1 Set up snapshot schedule under **Setup>Storage>Snapshot Schedule (Web Interface)** or **Menu>Storage>Snapshot Schedule (GUI)**. Enable **Snapshot Schedule** and draw a schedule.

Normal: Scheduled snapshot

Event: Human Body Detection/Tempering Alarm/Audio Detection triggered Snapshot

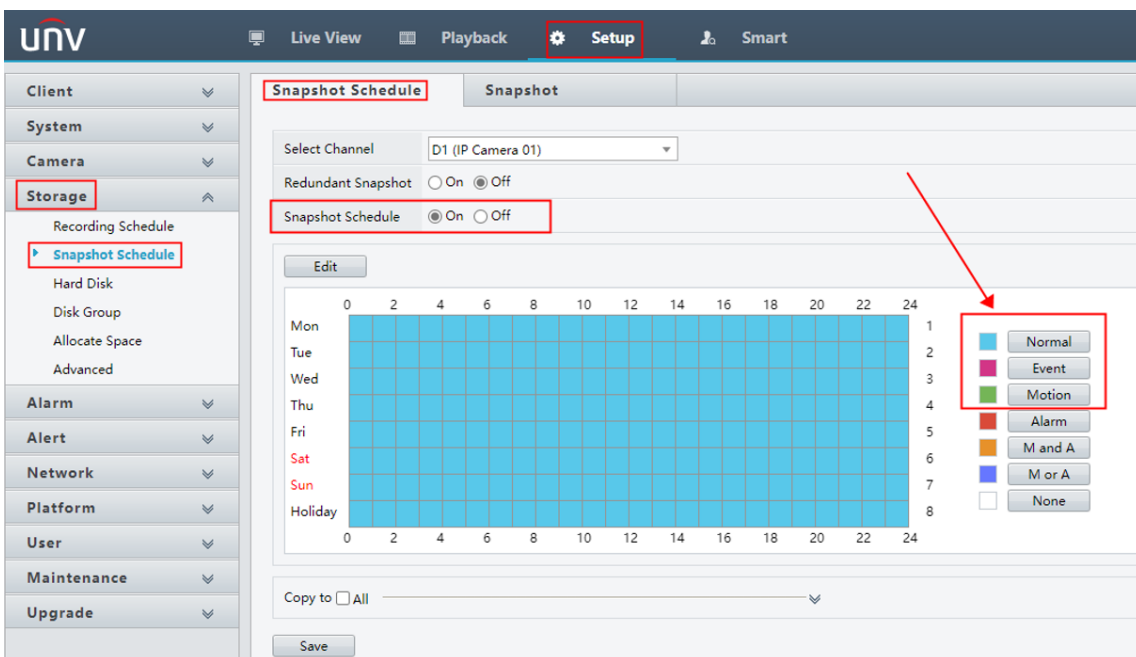
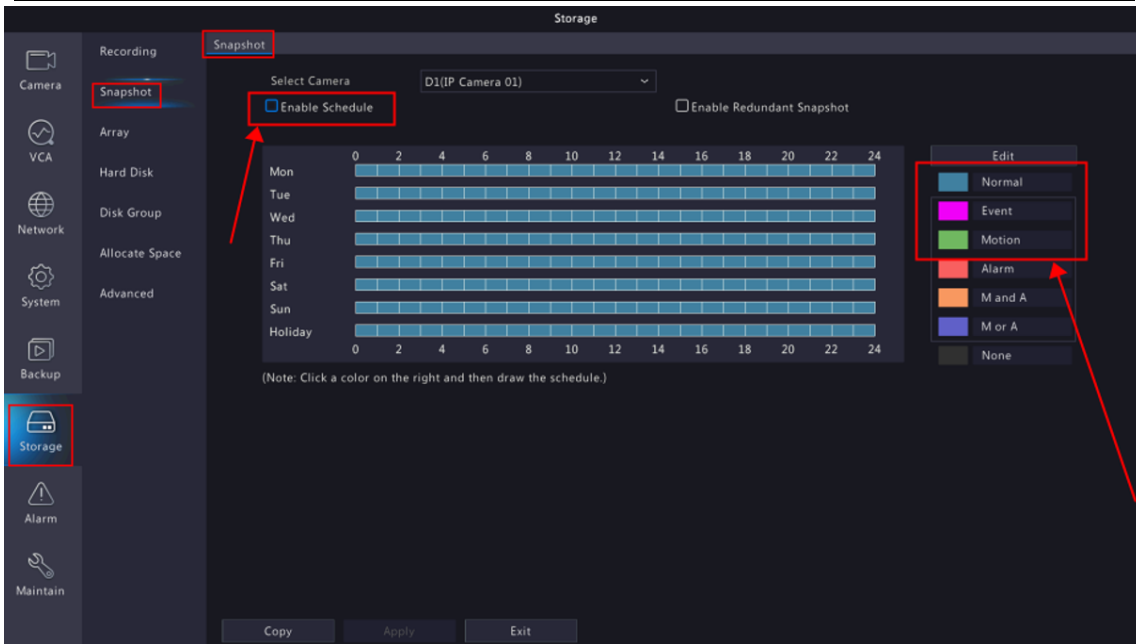
Motion: Motion Detection triggered snapshot (Ultra Motion Detection not included)

Alarm: Manual alarm from alarm input.

M and A: Captures images when motion and alarm input occur simultaneously.

M or A: Captures images when motion or alarm input occurs.

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Step 2 Set up snapshot parameters under **Setup>Storage>Snapshot Schedule>Snapshot** (Web Interface) or **Menu>Storage>Snapshot Schedule>Schedule Type (GUI)**.

Schedule: A snapshot is taken according to the set schedule.

Event: A snapshot is triggered by an event such as alarm input and motion detection alarm. Manual snapshots are event-triggered snapshots.

Snapshot Interval: Select the time interval between two snapshots from the drop-down list.

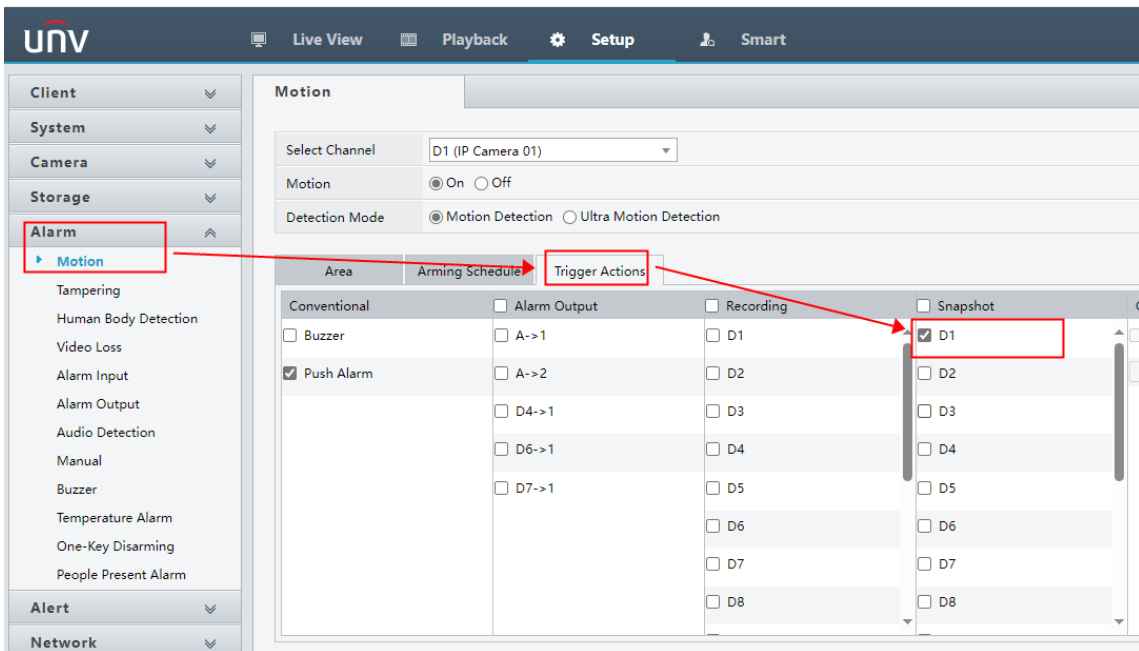
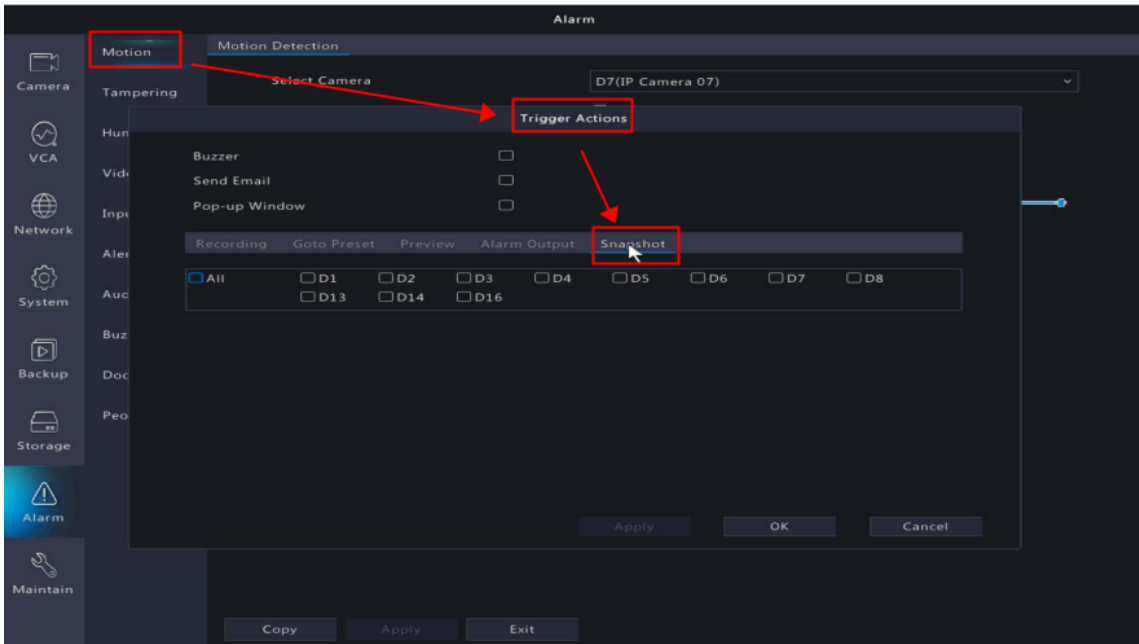
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The screenshot displays the UNV NVR web interface. The top navigation bar includes 'Live View', 'Playback', 'Setup' (highlighted with a red box), and 'Smart'. The left sidebar shows various system settings, with 'Storage' (highlighted with a red box) selected. Under 'Storage', 'Snapshot Schedule' is also highlighted with a red box. The main content area shows the 'Snapshot Schedule' configuration for 'D1 (IP Camera 01)'. It features two sections: 'Schedule' and 'Event'. Both sections have dropdown menus for Resolution (704x576(4CIF)), Image Quality (Medium/High), and Snapshot Interval (1m). A 'Copy to' dropdown is set to 'All'. A 'Save' button is located at the bottom of the configuration area.

If you want to set up event triggered snapshot to be uploaded to FTP, **Snapshot** is also needed to be ticked under **Trigger Actions** section of that event.

Note: In the following guidance **Motion Detection** will be used for demonstration. And VCA/Smart functions are not yet supported to trigger snapshots thus cannot be configured to upload snapshots to FTP.

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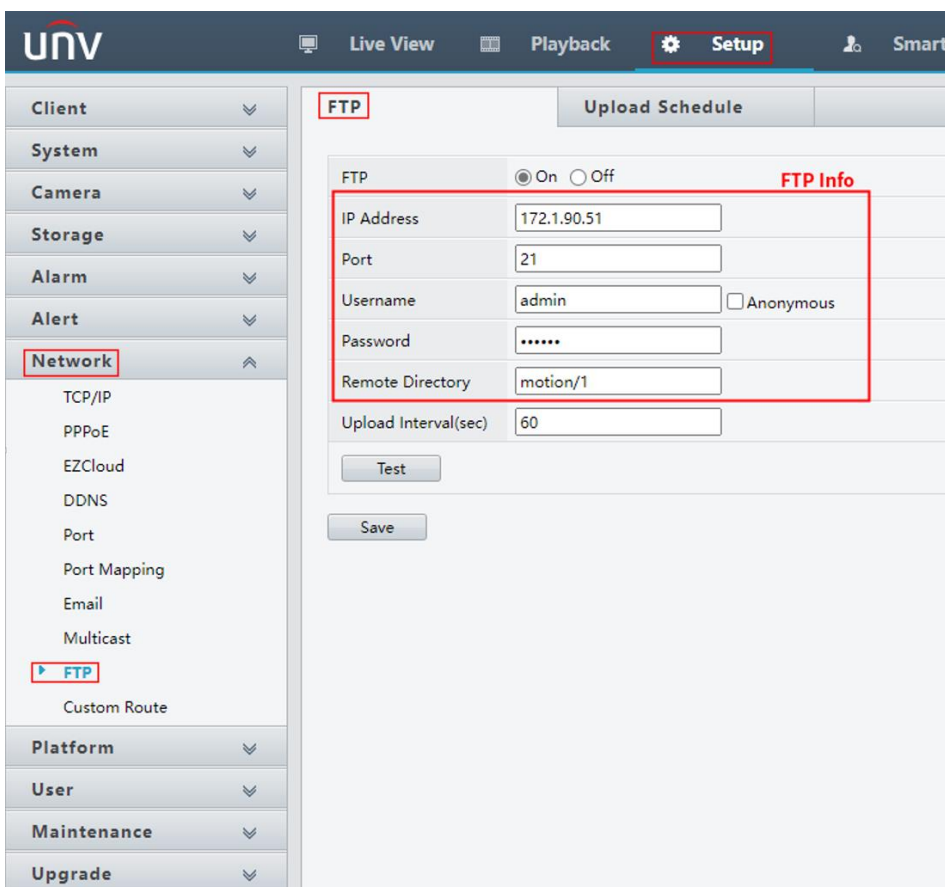
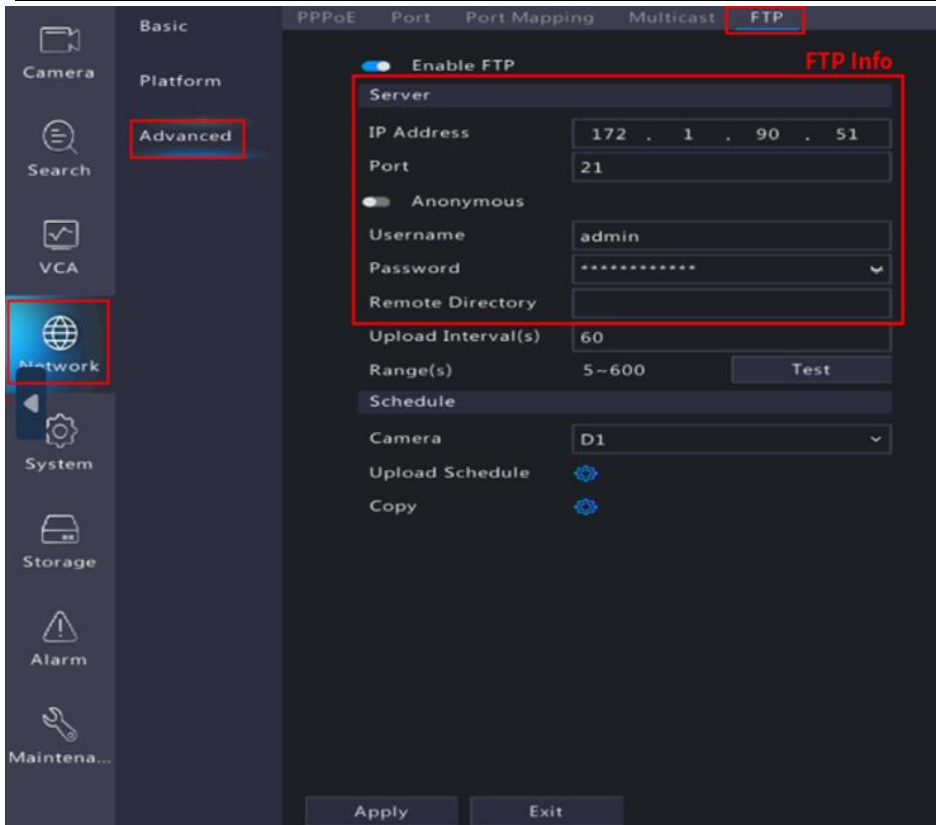


Step 2 Set up the FTP server (enable FTP to configure your FTP server info) under **Setup>Network>FTP (Web Interface)** or **Menu>Network>Advanced>FTP (GUI)**.

Upload Interval(s): The NVR uploads images captured within the set periods to the FTP server at the set interval. The default is 30s. You can alter the setting as needed.

Range(s): Show the range of image upload interval: [5-600]s

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Step 3 Go to **Setup>Network>FTP>Upload Schedule (Web Interface)** or click **Upload Schedule** on **GUI**, select a camera to configure time periods during which the camera will upload images of the desired type(s). You may copy the schedule to other days within the week or copy the schedule to other cameras.

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Upload Schedule

Select day: Mon

	Normal	Event	Motion	Alarm	Video Loss
Period 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Copy To: All Mon Tue Wed Thu Fri Sat Sun

FTP
Upload Schedule

Select Channel: D1 (IP Camera 01)

Select day: Mon

No.	Start Time	End Time	Alarm	Event	Motion	Normal	Video Loss
1	13 : 00	21 : 59	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	00 : 00	00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Copy to All

Mon Tue Wed Thu Fri Sat Sun

Copy to All ▼