

## How to set Edge Storage & Cache Post Recording?

### Answer:

Edge storage is used to save video data and snapshots to the memory card directly. Edge storage is recommended when the camera is running in stand-alone mode. When the camera is managed by the central management server, you need to stop edge storage to avoid affecting the cache post recording service.

Note: Before setting, check following:

- The memory card is correctly installed on the camera.
- Backup resource has been added on the central server.
- Backup resource has been allocated for the camera.

Note: Only some certain models support these functions. Please see the actual model for details.

Note: This function and management page may vary with models. Please see actual Web interface for details.

### Edge Storage - Manual storage

1. Click **Setup > Storage > Storage**.

Storage Medium    Enable

Total Capacity 7594 MB, Free Space 382 MB.

**Allocate Capacity**

Video(MB)  (The remaining capacity is used for image storage.)

Common Snapshot(MB)  (The remaining capacity is used for smart snapshot storage.)

Smart Snapshot(MB)

**Video Storage Info**

Storage Policy  Manual Storage  Planned Storage  Off

Stream

When Storage Full  Overwrite  Stop

Post-Record(s)

2. Start edge storage and modify the settings as required. The following table describes some major parameters.

Parameter	Description
Storage Medium	Storage resource type. <b>Note:</b> <ul style="list-style-type: none"> <li>• To format the memory card, disable the storage function for the card first. Then Click <b>Format</b> and then click <b>OK</b> to confirm the operation. The system will restart when the format is completed.</li> <li>• Information about the total and free space is displayed.</li> </ul>
Data Overwrite Policy	<ul style="list-style-type: none"> <li>• Overwrite: If there is no free space in the memory card, new data will overwrite the existing data repeatedly.</li> <li>• Stop: If there is no free space in the memory card, new data will not be</li> </ul>

saved to the memory card.

Post-Record(s)

For alarm-triggered recording, length of time that recording continues after the end of the alarm.

3. Click **Save**.

### Edge Storage - Planned storage

If planned storage is enabled, the camera records video to the memory card during the specified periods.

1. Click **Setup > Storage > Storage**.

The screenshot displays the 'Storage' configuration page. At the top, 'Storage Medium' is set to 'Memory Card' with a 'Format' button and an 'Enable' checkbox. Below this, it shows 'Total Capacity 7594 MB, Free Space 382 MB'. The 'Allocate Capacity' section has three input fields: 'Video(MB)' set to 7594, 'Common Snapshot(MB)' set to 0, and 'Smart Snapshot(MB)' set to 0. The 'Video Storage Info' section includes 'Storage Policy' with radio buttons for 'Manual Storage', 'Planned Storage' (selected), and 'Off'; 'Stream' set to 'Main Stream'; 'When Storage Full' with radio buttons for 'Overwrite' (selected) and 'Stop'; and 'Post-Record(s)' set to 60. The 'Plan' section at the bottom has 'Armed' and 'Unarmed' checkboxes, an 'Edit' button, and a 7x25 grid for scheduling. The grid columns are numbered 0-24, and rows are labeled Mon, Tue, Wed, Thu, Fri, Sat, and Sun. All cells in the grid are currently blue, indicating recording is planned for all times.

2. Select **Planned Storage**, and then set the periods during which the camera records video to the memory card.

3. Click **Save**.

Note: Planned storage is not effective when manual storage and planned storage are both enabled.

Note: To query recordings in the memory card, see *How to query the Edge Storage video playback*.

### Cache Post Recording

A camera under centralized management can use the memory card as a backup storage resource of the central management server. If storage from the camera to the central storage device is interrupted due to unstable network connection, the camera automatically will start cache post recording and store videos to the memory card.

With recording backup enabled, the camera can automatically transfer the video stored in the memory card to a storage resource of the backup server in form of file when the communication between the camera and the backup server is restored.

1. Click **Setup > Storage > Storage**.

The screenshot displays the 'Storage' configuration page. At the top, 'Storage Medium' is set to 'Memory Card' with a 'Format' button and an 'Enable' checkbox. Below this, it shows 'Total Capacity 7594 MB, Free Space 382 MB.' The 'Allocate Capacity' section has three input fields: 'Video(MB)' set to 7594, 'Common Snapshot(MB)' set to 0, and 'Smart Snapshot(MB)' set to 0. The 'Video Storage Info' section shows 'Storage Policy' with radio buttons for 'Manual Storage', 'Planned Storage', and 'Off' (which is selected), and 'Post-Record(s)' set to 60.

2. Set **Storage Policy** to **Off**. Post-Record is displayed if the camera is capable of this feature and then set **Post-Record(s)**.
3. Click **Save**.