

DVR/NVR Storage Mode Introduction and Configuration Guide

Quota and Group are the two most commonly used storage modes for NVR/DVR.

This article describes the configuration of DVR/NVR storage mode and application scenarios, which helps you better understand quota mode and group mode.

Quota Mode

Each camera can be configured with allocated quota for the store of recorded files or captured pictures.

- Configuration:
 1. Go to **Configuration** → **Record** → **Storage Mode** .
 2. Set Mode as **Quota**.
 3. Select a camera to set quota in Camera.
 4. Enter the storage capacity in Record Capacity, click **Apply**.

The screenshot shows a configuration window with a dark background. At the top, there are two radio buttons: 'Quota' (selected) and 'Group'. Below this is a 'Camera' dropdown menu showing '[D1] IPCamera 01'. The 'Used Record Capacity' is displayed as '31.00GB' and the 'HDD Capacity' is '1863GB'. A text input field for 'Record Capacity (GB)' contains the value '0'. At the bottom, there is a warning icon (a yellow triangle) followed by the text 'Free quota space: 1863 GB, used picture space: 15.00GB.'. Two buttons, 'Apply' and 'Copy', are located at the bottom of the window.

- Application:

1. DVR/DVR default storage mode:

DVR/NVR in quota mode default, the quota capacity is set to 0, which means all cameras will use the total capacity of HDD for record and picture capture.

2. Allocate fixed storage space to each channel:

For example: The location of channel 1 is important. User can allocate 1000G space for channel 1, allocate the space of other channels to 500G.

Group Mode

Multiple HDDs can be managed in groups. Video from specified channels can be recorded onto a particular HDD group through HDD settings.

- Configuration:

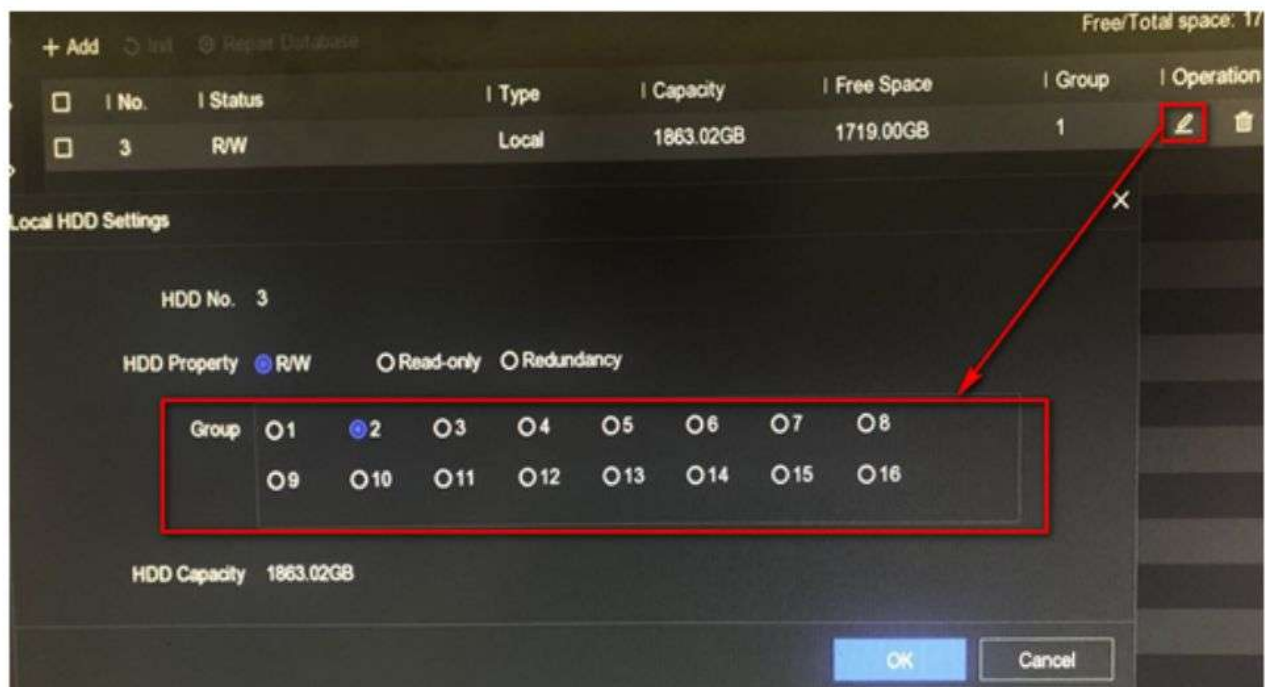
1. Go to **Configuration** → **Record** → **Storage Mode** .

2. Select Mode as Group, click apply, device will reboot to take configuration effect.

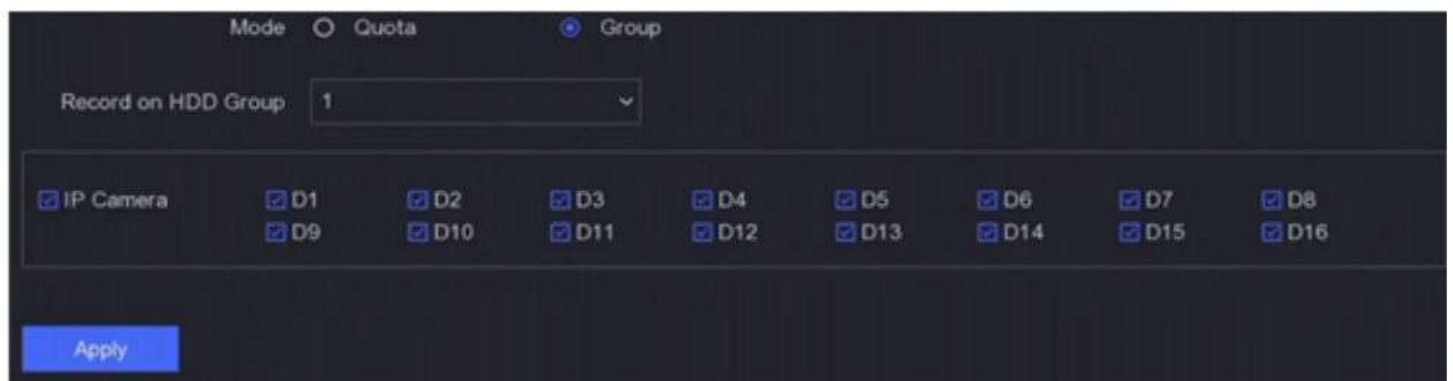
3. After restart, go to **Configuration** → **Record** → **Storage**.

4. Click  of desired HDD to set the group.

5. Select a group number for the current HDD.



6. Go to Storage Mode, select a group number.
7. Select IP cameras to record on the HDD group, click **Apply**.



Application:

1. Redundant Record:

The Redundant Record option is only available when the HDD mode is Group.

Note: Redundant HDD needs to be in the same group as the read/write disk you need to back up.

2. Allocate fixed HDD to each channel:

For example: If users want to 1-4 channels be recorded in HDD 1, 5-8 channels be recorded in HDD 2.

User could set two groups, set HDD 1 to group 1, choose 1-4 channels to record in group1; set HDD 2 to group 2, choose 5-8 channels to record in group 2.