



Milesight-Troubleshooting

How to set up Storage Mode

NVR Version	XX.9.0.11 or above	Update	2021.3.16
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1. Introduction

Milesight NVR support **Quota** and **Group** in Storage Mode which provide you with more flexible storage allocation.

1.1 Quota Mode

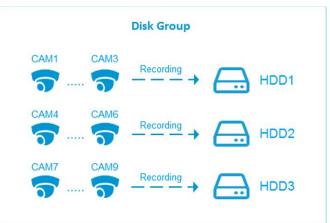
Each channel can be configured with allocated quota for record or snapshot. The channel will record or snapshot until reach the capacity of quota and **won't be covered** by other channels.

For example, if you want some channels have **enough** storage capacity to record or snapshot , you can allocate quota for these channels, and the channels will record or snapshot until reach the limit of quota capacity.

1.2 Group Mode

As you can see in the picture, you can divide disks into different Groups to store different channels' recorded files.

By this way, you can greatly reduce the load pressure of each hard disk.



Note:

You can use these two functions at the same time.

2. How to set up Quota

Step 1: Go to Storage-->Storage Mode-->Quota. There are configurations and list shown as below:

*	Store	age				CPU 2% Memory		
		Storage Mode						
Video Record	Quota	Group	_					
	Quota		Enable					
Snapshot	Channel		1					
snapsnor								
		I Capacity (G8)	3					
General Settings	Used Snapsh	ot Capacity (G8)	0					
	Record Quot		0			\$ 4		
Disk Management	Snapshot Qu	vota (G8)	0			4		
	Note: OGB men	ns no quota, where priority	is lower than the one has quota.			•		
					Record Quota (G8)			
	Channel	Channel Name CAM1	Used Record Capacity (G8)	Used Snapshot Capacity (GB)		Snapshot Quota (G8)		
RAID	1	CAM1	3	0	0	0		
	1	CAM1 CAM2	3 486	0	0	0		
	1 2 3	CAM1 CAM2 CAM3	3 486 1	0 1 0	0 11 100	0 0 0		
	1 2 3 4	CAM1 CAM2 CAM3 CAM4	3 486 1 2	0 1 0 0	0 11 100 0	0 0 0 0		
	1 2 3 4 5	CAM1 CAM2 CAM3 CAM4 CAM5	3 486 1 2 0	0 1 0 0	0 11 100 0 0	0 0 0 0		
	1 2 3 4 5 6	CAM1 CAM2 CAM3 CAM4 CAM5 CAM6	3 486 1 2 0 1	0 1 0 0 0 1	0 11 100 0 0 0	0 0 0 0 0		
	1 2 3 4 5 6 7	CAM1 CAM2 CAM3 CAM4 CAM5 CAM6 CAM7	3 486 1 2 0 1 0	0 1 0 0 0 1 0	0 11 100 0 0 0 0 0			
	1 2 3 4 5 6 7 8	CAM1 CAM2 CAM3 CAM4 CAM5 CAM5 CAM6 CAM7 CAM8	3 486 1 2 0 1 0 0 0	0 1 0 0 1 1 0 1	0 11 100 0 0 0 0 0			
	1 2 3 4 5 6 7 8 9	CAM1 CAM2 CAM3 CAM4 CAM4 CAM6 CAM6 CAM7 CAM8 CAM8	3 486 1 2 0 1 1 0 0 2	0 1 0 0 1 1 0 1 0 1 0	0 11 100 0 0 0 0 0 0 0 0			
	1 2 3 4 5 6 7 8 8 9 9 10 111 12	CAM1 CAM2 CAM3 CAM4 CAM5 CAM6 CAM7 CAM8 CAM9 CAM10	3 486 1 2 0 1 0 2 4 30 0 0 0	0 1 0 0 1 1 0 1 0 1 1 1 0 0	0 11 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
	1 2 3 4 5 6 7 7 8 9 10 11 11 12 13	CAM1 CAM2 CAM3 CAM4 CAM4 CAM4 CAM6 CAM6 CAM7 CAM7 CAM10 CAM11 CAM11 CAM12 CAM13	3 486 1 2 0 1 0 2 2 430 0 0 0 0 0	0 1 0 0 1 1 0 1 1 1 1 0 0 0 0	0 11 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
	1 2 3 4 5 6 7 8 9 9 10 11 11 12 13 14	CAM1 CAM2 CAM3 CAM4 CAM4 CAM5 CAM6 CAM7 CAM8 CAM10 CAM11 CAM12 CAM13 CAM14	3 486 1 2 0 1 0 2 430 0 0 0 0 0 0 0	0 1 0 0 1 1 0 1 1 1 0 1 1 0 0 0 0	0 11 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
Storage Mode	1 2 3 4 5 6 7 7 8 9 10 11 11 12 13	CAM1 CAM2 CAM3 CAM4 CAM4 CAM4 CAM6 CAM6 CAM7 CAM7 CAM10 CAM11 CAM11 CAM12 CAM13	3 486 1 2 0 1 0 2 2 430 0 0 0 0 0	0 1 0 0 1 1 0 1 1 1 1 0 0 0 0	0 11 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			

- **Quota**: Select "Enable"to enable Quota Mode.
- **Channel**: Select the channel you want to configure, the next four options will change correspondingly.
- Used Record Capacity (GB): It shows the used record capacity of selected channel.
- Used Snapshot Capacity (GB): It shows the used snapshot capacity of selected channel.
- Record Quota (GB): Enter the record capacity you want to allocate to this channel.
- Snapshot Quota (GB): Enter the snapshot capacity you want to allocate to this channel. You can also check the information mentioned above in the list.

Step 2: You can copy the quota settings of the current channel to other channels. Click Apply to save the configuration.

Note:

1. The **default quota** for each channel is **0 GB**. 0 GB means no Quota, whose priority is **lower** than the one has quota.

2. If you turn Recycle on, it will cover old files when the disk is full.

But if you have allocated quota to some channels, it will cover old files when **used capacity** reached the quota capacity, even if the disk is **not** full.

3. There is no limit to the total quota, you can allocate 4-16384 GB of capacity to each

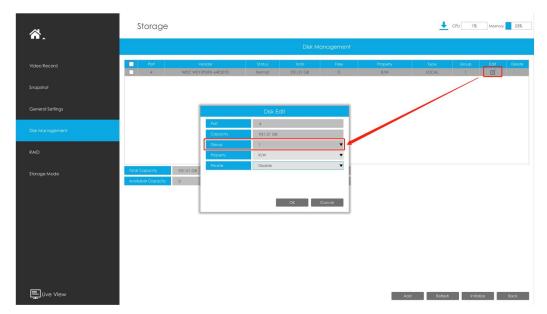
channel. But it's recommended that the **total quota capacity** should be **less** than the **total capacity of disk.**

3. How to set up Group

Step1: Go to Storage-->Storage Mode-->Group. Then enable Group.

		Storage Mode							
deo Record	Quota	Koup							
	Group Mode	Enable							
apshot	Group	1							
	Channel	AI							
eneral Settings		⊠ 1	2	3	☑ 4	✓ 5	6	7	8
		№ 9	10	⊘ 11	12	13	14	15	16
Disk Management		17	18	V 19	20	21	22	23	24
		25	26	27	28	29	30	31	32
		33	34	☑ 35	☑ 36	37	38	39	40
		41	42	✓ 43	☑ 44	45	☑ 46	47	☑ 48
		49	50	51	52	53	54	55	56
		57	58	59	60	61	62	63	64
	Note: You can set disk into other	groups at Disk interface afte	er Group enabled.						

Step 2. Switch to **Disk Management** interface. Click i and set the group number of each disk. You can add **16** groups at most.



Step 3. Go back to **Group** interface, select group and channels which you want to record into this group.

Note:

1. When you have enabled the **Group**, please set a Group for each channel, otherwise the channel which doesn't set a Group can not be recorded.

2. The same channel can be added to multiple Groups(16 at most), but not recording in multiple Groups at the same time. The channel which is added to multiple Groups will record to the next Group when the **last Group** has **run out of** storage space.

3. RAID and NAS also can be used to form Group.

