[FAQ]

Is there any capacity limit for USB HDD connected to GV-NVR Lite V2?

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Applied to

GV-NVR Lite V2

Question

Is there any capacity limit for USB HDD connected to GV-NVR Lite V2?

Answer

There is no capacity limit for USB Hard Disk Drive connected to GV-NVR Lite V2. GV-NVR Lite V2 supports external USB of any size that can be recognized by Windows, and the USB HDD needs to be externally powered through AC adapters. Please note that GV-NVR Lite V2 does not support USB HDD that requires PC to provide power through USB because its USB port is not guaranteed to have sufficient power for different brands of USB HDD.

To expand storage for recording by using USB HDD, you will need to format the USB HDD to and add the HDD to the recording path of the GV-NVR Lite V2. For details, please see the instructions below.



Formatting the USB HDD

1. On the GV-Desktop, click the Programs button, and select Disk Management.



2. Type the ID and password in the dialog box. The default ID and password are "0000".





3. The Initialize and Convert Disk Wizard appears. Click Next to continue.



Note: If the Wizard does not appear, you need to initialize the drives one by one. To manually initialize a drive, right-click on the name of the drive and select **Initialize Disk**.

4. The screen shows the drives you selected to initialize. Make sure all drives are checked, and click **Next** to continue.

Initialize and Convert Disk Wizard	
Select Disks to Initialize You must initialize a disk before Logical Disk Manager can access it.	
Select one or more disks to initialize. Disks: ♥ Disk 1 ♥ Disk 2 ♥ Disk 3 ♥ Disk 4	
< <u>B</u> ack Next > C	Cancel

5. The screen gives you the option to convert the drives from basic to dynamic storage. Leave all drives unchecked, and click **Next** to continue.

Initialize and Convert Disk Wizard	
Select Disks to Convert The disks you select will be converted to dynamic disks.	
Select one or more disks to convert:	
< <u>B</u> ack Next >	Cancel

6. When the initialization is complete, click **Finish** to close the wizard.

Initialize and Convert Disk Wizard		×
	Completing the Initialize and Convert Disk Wizard	
	You have successfully completed the Initialize and Convert Disk Wizard.	
	You selected the following settings: Initialize: Disk 1, Disk 2, Disk 3, Disk 4 Convert: None	
	To close this wizard, click Finish.	
	< Back Finish Cancel	



7. Right-click in the unallocated space of a new drive, and select New Partition.

🗇 Disk 0			
Basic 149.05 GB Online	SYSTEM (C:) 40.00 GB FAT32 Healthy (System)		Data (D:) 100.01 GB NTFS Healthy
🗇 Disk 1			
Basic 372.61 GB	New Volume (F:) 372.61 GB NTFS	New Partition	
Online	Healthy	Properties	
		Help	

8. The New Partition Wizard appears. Click **Next** to continue.





9. Select **Primary partition**, and click **Next** to continue.



10. The default partition size is the same as the maximum disk space. Make changes if necessary. Click **Next** to continue.

New Partition Wizard	
Specify Partition Size Choose a partition size that is between th	e maximum and minimum sizes.
Maxium disk space in megabytes	286166
Minimum disk space in MB:	8
Partition size in MB:	286166
	<pre></pre>



11. Assign a drive path that is not in use by other devices, and click **Next** to continue.

New Partition Wizard	
Assign Drive Letter or Path For easier access, you can assign a drive letter or drive path to your partition.	Î
 Assign the following drive letter: Mount in the following empty NTFS folder: Browse Do not assign a drive letter or drive path 	
< Back Next > Can	cel

Note: The default drive path starts from E:\.

12. Type a name in the **Volume label** box, ex. HDD1, and click **Next** to continue.

New Partition Wizard		
Format Partition To store data on this partition, you n	nust format it first.	
Choose whether you want to forma	t this partition, and if so, v	vhat settings you want to use.
ODo not format this partition		
⊙ Format this partition with the f	following settings:	
<u>F</u> ile system:	NTFS	~
<u>A</u> llocation unit size:	Default	~
⊻olume label:	HDD1	
Perform a quick format		
Enable file and folder co	ompression	
	< <u>B</u> ack	Next > Cancel

13. When the formatting is complete, click **Finish** to close the wizard.

New Partition Wizard		×
	Completing the New Partition Wizard You have successfully completed the New Partition Wizard. You selected the following settings: Partition type: Primary partition Disk selected: Disk 0 Partition size: 238473 MB Drive letter or path: E: File system: NTFS Allocation unit size: Default Volume label: HDD1 Quick format' Yes To close this wizard, click Finish.	
	< Back Finish Cancel	

14. When the drive is successfully initialized, partitioned, and formatted, its status description should display "*Healthy*."

CDISK 0 Basic 149.05 GB Online	SYSTEM (C:) 40.00 GB FAT32 Healthy (System)
GPDisk 1 Basic 372.61 GB Online	New Volume (F:) 372.61 GB NTFS Healthy



Adding External HDD to the Recording Path

Before you start recording to the external hard drive, you need to add the formatted external hard drive to the recording path.

1. On the GV-Desktop, click the **Programs** button, and select **Hot Swap HDD Tool**. The MediaMan Tools window appears.



- 2. Right-click the hard drive in the MediaMan Tools window, select **Add for recording**, and then select the storage group from the drop-down list. The Storage 1 is created by default.
- 3. Click **OK** to automatically configure the hard drive to the recording path.
- 4. In the MediaMan Tools window, if the hard disk drive is successfully added to store data, its Status field will display "*Standby*".



5. To add another formatted hard disk drive for storage, repeat the above steps.