



Built-in System Recovery Function Removed from

GV-Surveillance Systems

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Applied to

GV-AI System V2 Rev. B GV-Control Center System V2 Rev. B GV-Hot Swap System V6 Rev. C Series GV-Mini System V2 Rev. B GV-Mobile System 2700 GV-Tower System V2 Rev. F2

Note: Specifications are subject to change without notice.

Description of Changes

GV-Surveillance Systems that are shipped **after Jan. 1**, **2022** will not be equipped with the System Recovery function from the built-in SSD. Users are advised to use the Backup and Restore function in Windows when in need of a system recovery.





System Backup using Windows Tool

It is highly recommended to back up the OS and system software before any configurations or operations. Prepare a USB flash disk or a removable HDD of at least 64 GB and follow the steps below to save the backup.

Note: The following procedures are applied to GV surveillance systems with **Windows 11 IOT Enterprise LTSC**.

- 1. Press Windows + R. The Run dialog box appears.
- 2. Type Control Panel and click OK. The Control Panel appears.



3. Select Backup and Restore (Windows 7).



4. Select Create a System Image.

1	Backup and Restore (Windo	ws 7)
\leftarrow	$ ightarrow ~ \uparrow W > Contr$	ol Panel > System and Security > Backup and Restore (Windows 7)
	Control Panel Home	Back up or restore your files
•	Create a system image	Backup
¢	Create a system repair disc	Windows Backup has not been set up.
		Restore
		Windows could not find a backup for this computer.
		Select another backup to restore files from





5. Select a connected USB flash drive or HDD and click Next.

🎼 Create a system image
Where do you want to save the backup?
A system image is a copy of the drives required for Windows to run. It can also include additional drives. A system image can be used to restore your computer if your hard drive or computer ever stops working, however, you can't choose individual items to restore.
On a hard disk Local Disk (D:) 59.51 GB free
On one or more DVDs
Select
Next Cancel

6. Confirm your backup settings and click **Start Backup**.

E create a system mag	e		
Confirm your back	up settings	_	
Backup location:			
Local Disk (D:)			
The backup could take up	o to 22 GB of disk space.		
The following drives will I	be backed up:		
EFI System Partitio	on		
(C:) (System)			

 Select No for creating a system repair disc. Once the backup is complete successfully, an image file (.vhd) of the entire system will be created. Keep the file for future restore operations when needed.

🤹 Create a system image	– 🗆 X	Create a system image
The backup completed successfully.		Do you want to create a system repair disc? A system repair disc can be used to boot your computer. It also contains Windows system recovery tools which can help you recover Windows from a serious error or re-image your computer from a system image. Don't show this message again Yes No
	Close	





System Restoration using Windows Tool

Prepare a USB flash disk of at least 8 GB, and follow the steps below to create an installation USB and restore your backup.

To create an installation USB:

1. Plug a USB flash disk into your PC and select **Download tool now** on the webpage: <u>https://www.microsoft.com/en-au/software-download/windows10</u>

Download Windows 10 Before updating, please refer to the Windows release information status for known issues to confirm your device is not impacted.
Windows 10 November 2021 Update The Update Assistant can help you update to the latest version of Windows 10. To get started, click Update now. Update now Privey
Create Windows 10 installation media To get started, you will first need to have a licence to install Windows 10. You can then download and run the media creation tool. For more information on how to use the tool, see the instructions below. Download tool now Fileway

2. Follow the on-screen instructions to download the tool, and use it to create an installation USB.







To restore the backup:

- 3. Connect the storage device with the backup file and the USB installation flash disk to your GV system.
- 4. Start the system from the USB installation disk.
- 5. Select Repair your computer > Troubleshoot > System Image Recovery > Windows
 10 from the upcoming windows.
- 6. Select **Select a system image** and click **Next**.

Re-image your computer				
	Select a system image backup			
	This computer will be restored using the system image. Everything on this computer will be replaced with the information in the system image.			
	Troubleshooting information for BMR: http://go.microsoft.com/fwlink/p/?LinkId=225039			
	Use the latest available system image(recommended)			
	Location:			
	Date and time:			
	Computer:			
	Select a system image			
	< Back Next > Canc	el		

7. Select the image file you want to restore and click Next.

2		Re-image your computer		×
5	elect the location of the If the system image is a and then click Refresh.	e backup for the computer yo on an external device, attach the d	u want to restore evice to this computer,	è
	If the system image is on Advanced to add a netwo up in the list below. Current time zone: GMT-8	a DVD, insert the last DVD from the rk location or install a driver for a b 3:00	e system image backup, backup device if it does r	Click not show
	Location	Most recent system image	Computer	
	Local Disk (D:)	12/14/2021 1:01:25	WIN-22N0SOOK60B	
				_
	Advanced		Refre	sh
			Pureinfot	ech
		< Back	Next > 0	Cancel

8. Select the date and time of the system image to restore, click **Next** and **Next** one more time.





9. A final summary will be displayed. Click **Finish** and confirm that you understand that everything in the hard drive, with Windows on it, will be erased by this process.

Re-image your computer			
	Your computer will be res image:	stored from the following system	
	Date and time:	14/2021 1:01:25AM(GMT-	
	Computer:	WIN-22N0SOOK60B	
	Drives to restore:	C:	
- 0			
		Pureinfote	ch
	< Bac	k Finish Cano	el

10. The restore process starts.

Your system will restart after the restore process finishes. Remember to unplug your USB flash drive before it restarts.