[FAQ]

How do I upgrade the firmware on GV-IP Device?

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Applied to

GV-IPCAM H.264 Series GV-Compact DVR V3 Series GV-Video Server (GV-VS04H/GV-VS11/GV-VS12/GV-VS14)

Question

How do I upgrade the firmware on my GV-IP Camera, GV-Compact DVR or GV-Video Server?

Answer

GeoVision periodically releases updated firmware on the website: <u>http://www.geovision.com.tw/download/product/</u>. To load the new firmware to your GV-IP Camera, GV-Compact DVR or GV-Video Server, read the important notes below and follow the instructions.

IMPORTANT

Before you start updating the firmware, please read these important notes:

- 1. If you use the GV-IP Device Utility for firmware upgrade, the computer used to upgrade firmware must be under the same network of the device.
- 2. Stop monitoring of the device.
- 3. Stop all the remote connections including Center V2, VSM, ViewLog Server and 3GPP/RTSP.
- 4. Stop the connection to GV-System.

- 5. While the firmware is being updated,
 - A) the power supply must not be interrupted, and
 - B) do not unplug the Ethernet cable if the cable is the source of power supply (Power over Ethernet or PoE supported).
- 6. Do not turn the power off within 10 minutes after the firmware is updated.

WARNING: The interruption of power supply during updating causes not only update failures but also damages to the device. In this case, please contact your sales representative and send your device back to GeoVision for repair.

Using the Web Configuration Interface

 In the Live View window, click the Show System Menu button and select Remote Config. This box appears.

Remote Con	fig		×
Firmware Up	ograde		
(Browse			
Version	v1.00 2010-10-20	Upgrade	
File	BX120_V100_101020.i	Cancel	1
			1.1

- 2. Click the **Browse** button to locate the firmware file (.img) saved at your local computer.
- 3. Click the **Upgrade** button to start the upgrade.

Using the IP Device Utility

The IP Device Utility provides a direct way to upgrade the firmware to multiple units of GV-IP device. Note the computer used to upgrade firmware must be under the same network of the device.

- 1. Insert the Software DVD, select **IP Device Utility**, and follow the onscreen instructions to install the program.
- 2. Double-click the IP Device Utility icon created on your desktop. This dialog box appears.

File	V IP Device Utility Tool					<u> </u>
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Nar	ne	Mac Address	IP Address	Firmware Version	NOTE	2
6	GV-VS12	0013E2016410	192.168.1.152	v1.00 2009-07-08		
	Tony_VS	0013E2011F07	192.168.1.15	v1.47 2009-05-26		
	VS-02-William	0013E201033F	192.168.1.232	v1.47 2009-05-26		
Y	GV-IPSpeedDome	0013E2016406	192.168.1.204	v1.00 2009-06-26		2
	GVLX-4-V2	008414430003	192.168.1.209	v1.01 2009-07-15		
						100

- Click the Search button to locate available devices on the same LAN. Or click the New button and assign the IP address to locate the device over the Internet. Or highlight one device in the list and click the Delete button to remove it.
- 4. Double-click one device in the list. This dialog box appears.

Mac Address 00	13E2023C1C	IP Add	ress 192.168.1.2	47
Jser Login User Name ad Password	min	VSS Port	10000	_
Firmware Upgrade Devi	ce Name Export sett	ings Import se	ettings Camera a	djustment Reb <u>.</u> ◀
IP Address	192 . 160	3.1.247	7	
Subnet Mask	255 . 25	5.252.0	_	
Default Gateway	192 . 160	3.0.1		
DNS Server	192 . 160	3.0.1		
HTTP Port	80			
VSS Port	10000			



5. Click the **Firmware Upgrade** tab. This dialog box appears.

	1001362023010	IP Address 192.168.1.247
ser Login User Name Password	admin	VSS Port 10000
et IP Address Fir	mware Upgrade Device	e Name Export settings Import settings Camer
Version	····	Browse
🔲 Upgrade all d	levices	

- 6. Click the **Browse** button to locate the firmware file (.img) saved at your local computer.
- 7. If you like to upgrade all the devices in the list, select **Upgrade all devices**.
- 8. Type **Password**, and click **Upgrade** to start the upgrade.