



Interlaced LPR Images Captured from GV-Video Server or GV-Compact DVR

Article ID: GV4-14-01-07-t Release Date: 01/07/2014

Applied to

GV-ASManager V4.0 GV-DVR LPR GV-Compact DVR GV-Video Server

Symptom

License plate images captured from the GV-Compact DVR or GV-Video Server connected to GV-DVR LPR may appear interlaced or blurry under the following conditions:

- The GV-DVR LPR is connected to GV-ASManager V4.0
- The recognition cameras on the GV-DVR LPR is from a **GV-Compact DVR** or a **GV-Video Server**
- The resolution of GV-Compact DVR or GV-Video Server is set to D1 without de-interlacing

Below is an example of an interlaced LPR image captured on GV-ASManager V4.0:







Solution

There are two ways to solve this issue:

- Change the resolution to D1 De-interlaced
- Upgrade GV-ASManager to V4.1 or later

Changing the Resolution to D1 De-interlaced

- Access the Web interface by typing the IP address of the GV-Video Server or GV-Compact DVR in a browser.
- 2. Type the login name and password to login.
- 3. In the left menu, select Video Settings under Video and Motion and select a camera.
- Under the Video Signal Type section, set the Resolution drop-down list to 704 x 480
 De-interlaced for NTSC or 704 x 576 De-interlaced for PAL.

C GeoUision	Video Settings						
 Video and Motion 	In this section you can define compression art, broadcasting method and privacy mask.						
Live View	Name						
 Video Settings <u>Camera 1</u> 	Name Streaming1						
► <u>Camera 2</u>	Connection template						
 <u>Video Channel Source</u> <u>Settings</u> 	Cust	omized		~			
Digital I/O and PTZ	Video Signal Type						
 Events and Alerts <u>Monitoring</u> 	In this section you can configure camera's video signal between NTSC or PAL, also the resolution and frame per second to be transmitted through the network						
Recording Schedule	Vide	o Format H264 💌					
 Network Management 	Auto detect signal type on booting						
Logout		Signal Format	Resolution	Frame per second			
	\bigcirc	NTSC	352*240 💌	15 💌			
	۲	PAL	704*576 De-interlaced 💙	12.5 💌			
	Ba	ndwidth Manageme	704*576 De-interlaced 352*288				

5. Click **Apply**.





Updating GV-ASManager to V4.1 or later

To download the latest GV-ASManager, go to <u>http://www.geovision.com.tw/download/product/</u>, click the **Access Control** tab and click the **Download** button for **GV-Access Control System**.

In order to keep your current database when upgrading GV-ASManager to the latest version, follow the steps below to back up the current database and restore it to the GV-ASManager after upgrading.

1. Go to :\Access Control\ASManager\ASRes\ and there should be four files.

ASRes	60		Contraction	- 4 ∳ Si
Organize 🔻 Include	in library 🔻 Share with 🔻 Bu	rn New folder		
🚖 Favorites	Name	Date modified	Туре	Size
📃 Desktop	ASConfig	12/14/2011 3:15 PM	Microsoft Office A	1 KB
📕 Downloads	ASConfig	12/14/2011 3:15 PM	Microsoft Office A	628 KB
🔛 Recent Places	ASLog	12/14/2011 3:15 PM	Microsoft Office A	1 KB
	🕘 ASLog	12/14/2011 3:15 PM	Microsoft Office A	168 KB
詞 Libraries				
Documents				
J Music				

- 2. Back up the four files in the folder.
- 3. Uninstall the old **GV-ASManager**. After uninstalling, only two files remain in the ASRes folder.

🕘 🔾 🗢 🚺 🕨 Compu	ter ► Local Disk (C:) ► Access Control1:	11111 > ASManager > ASRes		- - 4 ₂
Organize 🔹 Include	in library ▼ Share with ▼ Burn	New folder		
🔆 Favorites	Name	Date modified	Туре	Size
🧮 Desktop	ASConfig	12/14/2011 3:15 PM	Microsoft Office A	1 K
뒞 Downloads	ASLog	12/14/2011 3:15 PM	Microsoft Office A	1 K
📃 Recent Places				

- Unzip the downloaded file and double-click Setup.exe to install the latest GV-ASManager.
- Copy and paste the four files you backed up back to :\Access Control\ASManager\ASRes.
- 6. Run **ASDBManager.exe** from the GV-ASManager program folder at :\Access Control\ASManager.





7. Select ASManager Database Setting.



8. Select Upgrade to latest database version.

👼 ASManage	r Database Setting	×
	Setup MDB / MSSQL Database for ASManager	
	Upgrade to latest database version ASManager Database version incompatible. Please upgrade it first.	
	Delete ASManager Database	
MDB	Backup Database	
	Recovery Database	
Database versio	on: 2.1.0.0	

The GV-ASManager starts upgrading the database. When the upgrade is complete and the message "Upgrade database successfully" appears, click **OK**.