



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

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### 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:





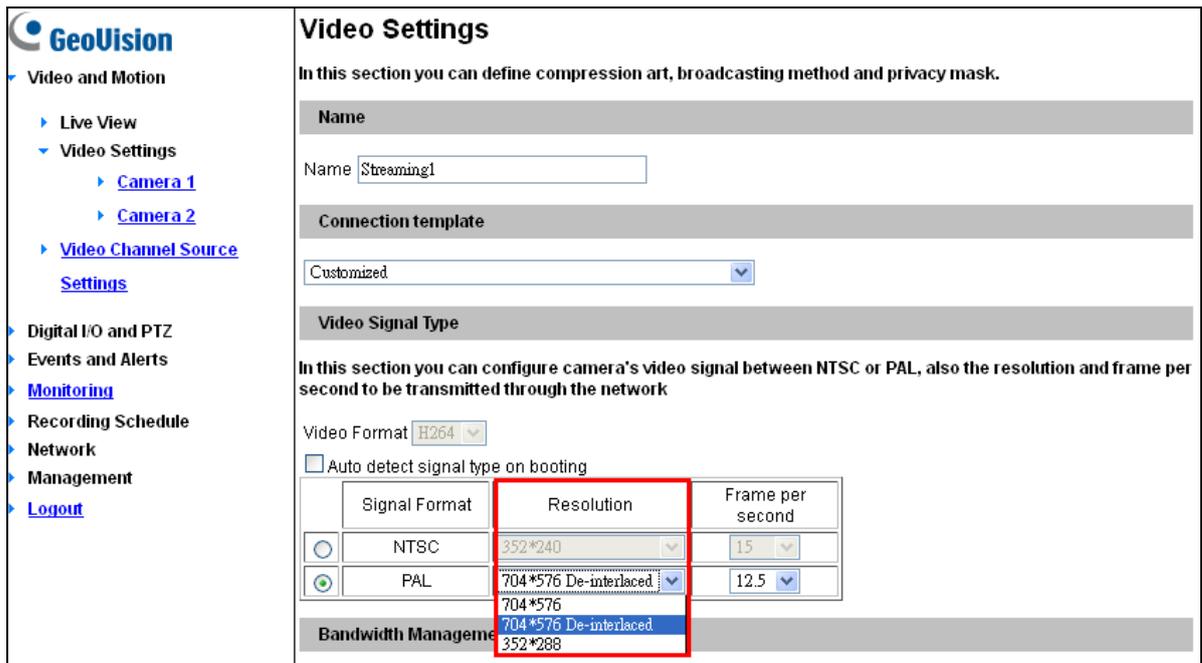
## Solution

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

1. 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.
4. 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.



**GeoVision**  
The Vision of Security

**Video Settings**  
In this section you can define compression art, broadcasting method and privacy mask.

**Name**  
Name: Streaming1

**Connection template**  
Customized

**Video Signal Type**  
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

Video Format: H264

Auto detect signal type on booting

Signal Format	Resolution	Frame per second
NTSC	352*240	15
PAL	704*576 De-interlaced	12.5
	704*576	
	704*576 De-interlaced	
	352*288	

**Bandwidth Management**

5. Click **Apply**.

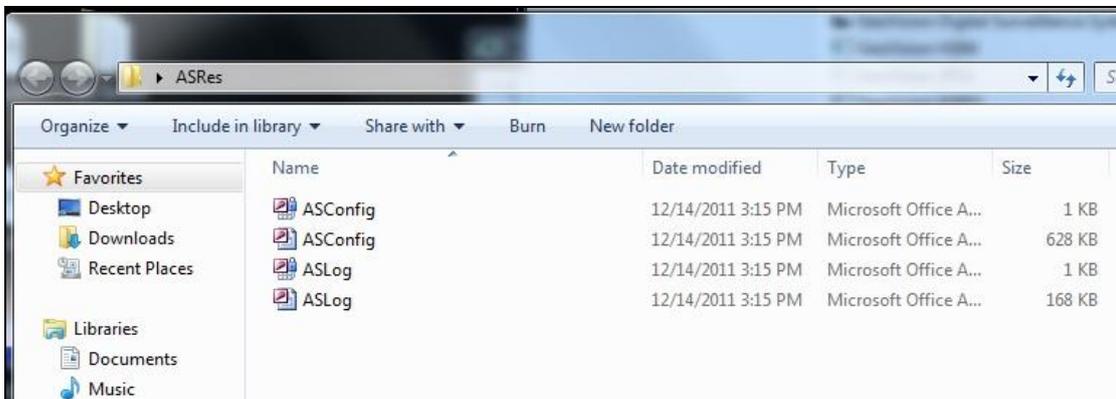


## Updating GV-ASManager to V4.1 or later

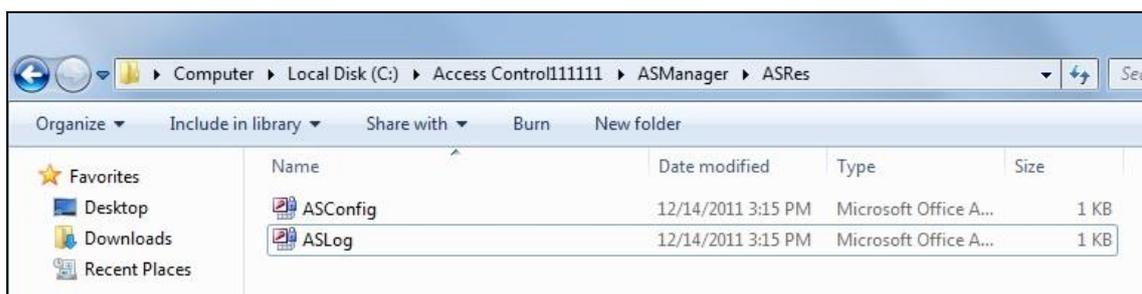
To download the latest GV-ASManager, go to <http://www.geovision.com.tw/download/product/>, click the **Access Control** tab and click the **Download** button for **GV-Access Control System**.

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.



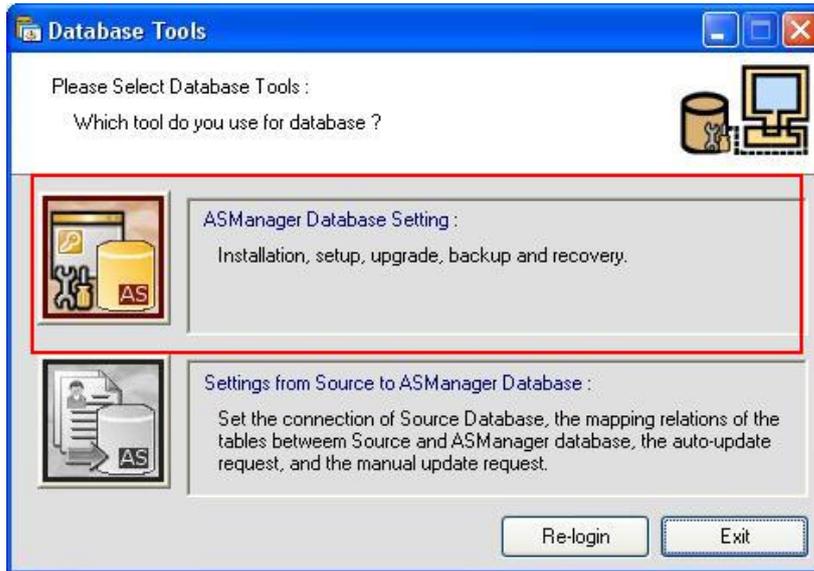
2. Back up the four files in the folder.
3. Uninstall the old **GV-ASManager**. After uninstalling, only two files remain in the ASRes folder.



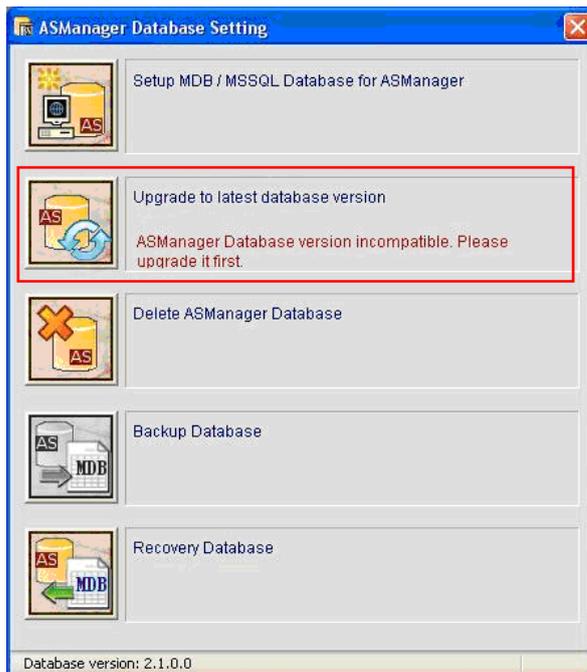
4. Unzip the downloaded file and double-click **Setup.exe** to install the latest GV-ASManager.
5. Copy and paste the four files you backed up back to **:\Access Control\ASManager\ASRes**.
6. Run **ASDBManager.exe** from the GV-ASManager program folder at **:\Access Control\ASManager**.



7. Select **ASManager Database Setting**.



8. Select **Upgrade to latest database version**.



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