

Android Mobile Application

You can now access GV-System and GV-IP devices using Android version 2.2 to 3.1. Download **GV-AView** from Android Market, and after installing the application, the GV-AView icon will appear on the desktop. Follow the steps below to access a GV-System or a GV-IP device.



System Requirements for Android mobile application:

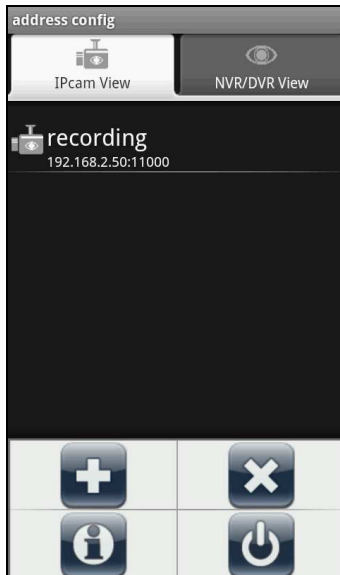
| | | |
|-----------------------------|--|--------------------|
| Handheld Device View | GV-AView V1.1 | |
| OS Supported | Android version 2.2 to 3.1 | |
| Port | Data Port: 8866, HTTP Port: 80, VSS Port: 10000 | |
| Protocol | TCP/IP | |
| Codec | MJPEG, MPEG4, H.264 | |
| Resolution Supported | MJPEG | 704 x 480 or lower |
| | MPEG4 | 704 x 480 or lower |
| | H.264 | 320 x 240 or lower |
| Functions | Video streaming, GV IP devices support, Audio, PTZ control | |



Note:

1. To display multiple channels simultaneously, the videos must have a resolution of 320 x 240 or lower.
2. PTZ control is only supported in GV-PT110D, GV-PTZ010D, GV-IP Speed Dome and COP 15-CD53W (Pelco D).





Access to GV-IP devices

1. Tap the **GV-AView** icon  on the main page.



2. To see the GV-AView installation guide, tap the **Information** button .
3. Tap the **Add** button  to enter the login information of the GV-IP device.













4. Type the name, IP address, port number, user name and password of the GV-IP device.
5. Tap the **Add** button  to add the login information to the address book. If you want to edit existing login information, tap the **Edit** button  to save the information after making the changes.
6. You can press the Menu button on the mobile phone and tap the **Setting** button  to see the SIM card information or tap the **Address Book** button  to see the address book.

7. Tap the **Connection** button  to connect to the IP device. The live view will appear.



8. The following function buttons are available on the bottom of the screen.

- **Snapshot** : Saves the current image in the mobile device.
- **PTZ Control** : Enables the PTZ function. A message will appear asking if you want to use Gesture Detector to control PTZ. Tap **OK** if you want to be able to drag across the live view screen to control the PTZ function in addition to using the PTZ control buttons on the bottom of the screen. Tap the arrow button  to switch between the direction buttons  and the zoom/iris buttons . Tap the up button  to exit the PTZ mode and tap the home button  to return to home position.
- **Screen Division** : Displays up to four channels on the same page.
- **Dual Stream** : Switches between the video streams if the GV-IP device supports dual streams.
- **Audio** : Enables or disables the audio function.

9. If the GV IP device supports multiple channels, tap the numbers on the top of the screen to switch to other channels.


Access to GV-System

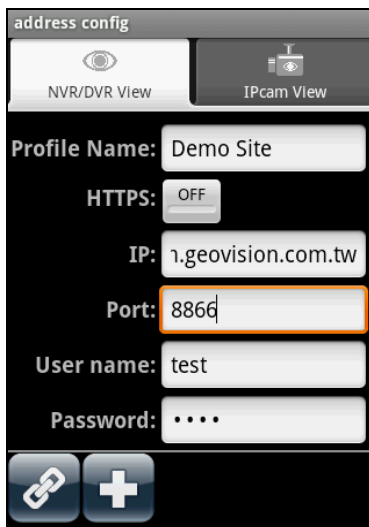
To access the GV-System using GV-AView, you need to first activate the JPG settings and the mobile function on the GV-System and then connect to the GV-System from your mobile device.

Allowing Remote Access to GV-System:

1. In the main system, click the **Network** button and select **Webcam Server**.
2. In the dialog box that appears, click the **JPG** tab and select **Create JPEG/GIF file(s)**.
3. Click the **Mobile** tab and select the checkbox to enable the mobile function.
4. Click **OK** to save the settings.


Connecting to GV-System:


1. On your mobile phone, tap the **GV-AView** icon  on the main page.
2. Tap the **NVR/DVR View** tab on the top.











3. Enter the IP address, port number, user name and password of the GV-System you want to access.

Note: If the default HTTP port of 80 on the WebCam Server of the GV-System is modified, specify the new port number used for HTTP connection at the end of the IP address, e.g., webcam.geovision.com.tw:81.

4. On the bottom of the screen, tap the **Add** button  to save the connection information.

5. Tap the **Connect** button  to connect to the GV-System. Up to 6 camera live views can be displayed on each page.
6. Press the menu button on the mobile phone to see the following options:



- **I/O Trigger** : Forces I/O devices to be triggered.
 - **Record Event** : Starts or stops recording the current channel or all channels.
 - **Image setting** : Changes the image quality between **Normal** and **Good**.
7. Double-tap the live view to see it in single view. You can tap the **Snapshot** button  to capture the current image.
 8. If the camera supports PTZ functions, tap the **PTZ** button  and use the touch screen to control the camera. You can also use the direction buttons  and the zoom/iris buttons  to control the camera. Tap the home button  to return to home position.

