The GV Mobile Phone Applications

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Comparison Table

The table below illustrates the GV mobile phone applications. Install the mobile phone application in your mobile phone allows you to receive live videos from your GV-System or GV IP devices.

Overview of GV Mobile Phone Applications

Handheld Device View	GV-GView V2	GV-MSView V2/ V3	GV-SSView V3	GV-iView V2.1	GV-BBView V1.1	3GPP Viewer	GV-AView V1
Mobile Phone Supported	Windows PDA	Windows Smartphone	Symbian Smartphone	iPhone and iPod Touch	BlackBerry Smartphone	3GPP Phone	Android Smartphone
OS Supported	Windows Mobile 5.0 and 2003 for Pocket PC; Windows Mobile 6 / 6.1 Classic and Professional; Windows Mobile 6.5 Professional	Windows Mobile 5.0 and 2003 for Smartphone (for GV-MSView V2 only); Windows Mobile 6.0 / 6.1 / 6.5 Standard and Professional	Nokia S60 2nd/ 3rd Edition	iPhone/iPod Touch with iPhone OS 2.2 or above	BlackBerry OS 4.2.1 to 5.0	with players supporting RTSP	Android V2.2
System Supported	GV-System V8.3.2 or above						GV-System V8.4 or above
Port	Data Port: 8866; RPB Port: 5511 VSS Port: 10000			Data Port: 8866; RPB Port: 5511; HTTP Port: 80; Command Port: 4550 (for PTZ control); Data Port: 5550 (for PTZ control)	Data port: 8866; HTTP port: 80	TCP Port: 8554; UDP Port: 17300-17380	Data Port: 8866; HTTP Port: 80; VSS Port: 10000
Protocol	TCP/IP (Streaming)			TCP/IP (JPEG)		TCP/IP (Streaming)	TCP/IP (JPEG from GV-System; JEPG/MPEG4/ H.264 from GV IP Devices)

Supported Resolution When Connecting to GV-System / GV-NVR

Handheld Device View	GV-GView V2	GV-MSView V2/ V3	GV-SSView V3	GV-iView V2.1	GV-BBView V1.1	3GPP Viewer	GV-AView V1
MPEG4	320 x 240 or below			X	X	X	X
MJPEG	X	X	X	320 x 240 or below			
H.264	X	X	X	X	X	X	X

Note: A "X" mark indicates the mobile phone application does not support the codec. The live view will not be displayed on the mobile phone if you select the unsupported codec.

Supported Resolution When Connecting to GV IP Devices

Handheld Device View	GV-GView V2	GV-MSView V2/ V3	GV-SSView V3	GV-iView V2.1	GV-BBView V1.1	3GPP Viewer	GV-AView V1
MPEG4	320 x 240 or below			X	X	320 x 240 or below	704 x 480 or below
MJPEG	X	X	X	X	X	X	704 x 480 or below
H.264	X	X	X	X	X	X	320 x 240 or below

Note:

1. A "X" mark indicates the mobile phone application does not support the codec. The live view will not be displayed on the mobile phone if you select the unsupported codec.
2. GV-iView V2.1 and GV-BBView V1.1 applications do not support GV IP devices connection.

Major Functions When Connecting to GV-System / GV-NVR

Handheld Device View	GV-GView V2	GV-MSView V2/ V3	GV-SSView V3	GV-iView V2.1	GV-BBView V1.1	3GPP Viewer	GV-AView V1
Live View	O	O	O	O	O	O	O
Live Audio	X	X	X	X	X	O	O
Snapshots	O	O	O	O	O	X	O
I/O Trigger	O	O	O	O	O	X	X
PTZ Control	O	O	O	O	X	X	O
PTZ Auto Pan	O	O	O	X	X	X	X
PTZ Presets	O	O	O	X	X	X	X
Multiple Camera Views	O	O	O	O	O	X (Note)	O
Start / Stop Recording	O	O	O	O	O	X	O
Remote Playback (RPB)	O	O	O	O	X	O	X

Note: This mobile phone application only supports Single View function.

Major Functions When Connecting to GV IP Devices

Handheld Device View	GV-GView V2	GV-MSView V2/ V3	GV-SSView V3	GV-iView V2.1	GV-BBView V1.1	3GPP Viewer	GV-AView V1
Live View	O	O	O	X	X	O	O
Live Audio	X	X	X	X	X	X	O
Snapshots	O	O	O	X	X	X	O
I/O Trigger	O	O	O	X	X	X	X
PTZ Control	O	O	O	X	X	X	O
PTZ Auto Pan	O	O	O	X	X	X	X
PTZ Presets	O	O	O	X	X	X	X
Multiple Camera Views	X (Note)	X (Note)	X (Note)	X	X	X (Note)	O
Remote Playback (RPB) on GV-Video Server only	O	O	O	X	X	X	X

Note: This mobile phone application only supports Single View function.

GV-GView V2 for Windows PDA

GV-GView V2 is a remote view application for Microsoft PDA. When GV-GView V2 detects the big screen panel of the mobile phone, images from the connected GV-System will be horizontally rotated for a better view. Resolution is set to be CIF by default.

System Requirements

Handheld Device View	GV-GView V2
OS Supported	Windows Mobile 5.0 and 2003 for Pocket PC Windows Mobile 6 / 6.1 / 6.5 Classic and Professional
System Supported	GV-System version 8.3.2 or above
Port	Data Port: 8866, RPB Port: 5511, VSS Port: 10000
Protocol	TCP/IP (Streaming)
Functions	Video streaming, GV IP devices support, PTZ control, I/O device control, Remote Playback (RPB) and etc.

Key Features

1. Live video
2. GV IP devices support
3. PTZ control
4. I/O device control
5. Remote Playback (RPB)

Download Link

Click Here to download GV-GView V2.

Installing GV-GView V2

You can install GV-GView V2 program from the above download link or from the Surveillance System Software DVD.

1. Insert the Surveillance System Software DVD to the computer. It runs automatically, and a window pops up.
2. Click **Install V 8.4.0.0 System**, and then click **Microsoft PDA Viewer V2**.

3. Follow the on-screen instructions to complete the installation. The default installation directory is **C:\Microsoft PDA Viewer V2**.
4. Through the synchronization program such as ActiveSync, install **GViewV2.exe** from the installation directory to your PDA. Consult your PDA user's manual for how to install a program to the PDA.

Running GV-GView V2

Once GV-GView V2 is installed on your PDA, you can use it to monitor your GV-System. Make sure your PDA has wireless LAN adapter properly in place with access to the Internet.

1. To allow remote access to the GV-System, you must enable the **Mobile** function on the WebCam Server.

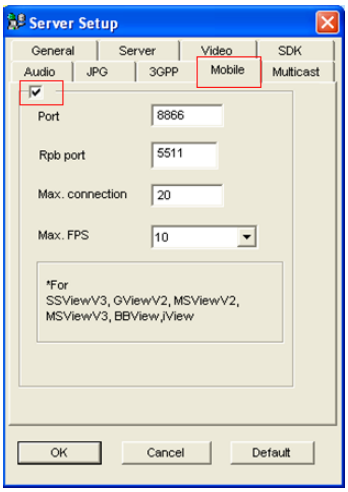


Figure 1

2. Execute **GV-GView V2** on your PDA.

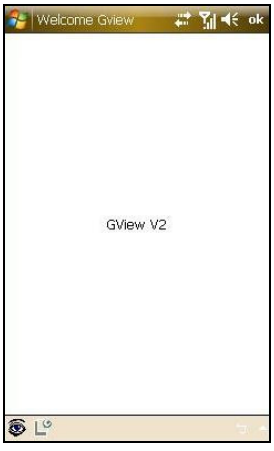


Figure 2

3. Click the button located at the lower left corner. The login screen appears.

Figure 3

4. Enter the IP address of your GV-System, port value (default value is 8866), a username and a password. Then click **OK**.
5. Once the connection is established, the live video will appear.

Playing Back the Recordings

To play back the recordings, follow these steps:

Note:

1. The remote playback (RPB) function is only supported if the video was recorded with a resolution of CIF or lower.
2. The remote playback (RPB) function does not support the playback of video files recorded on the GV IP devices.

---

1. Enable these two functions on the WebCam Server.

   A. Enable the **Run ViewLog Server** option on the General tab.

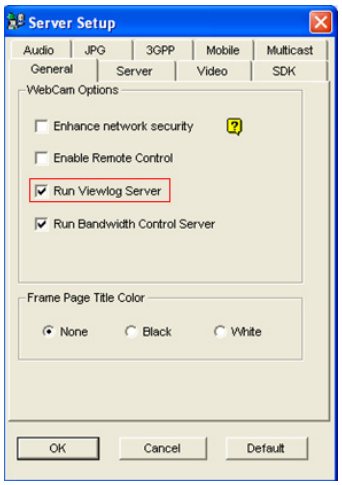


Figure 4

B. Enable the **Mobile** function on the Mobile tab, and keep the RPB port to be 5511 or modify it if necessary.

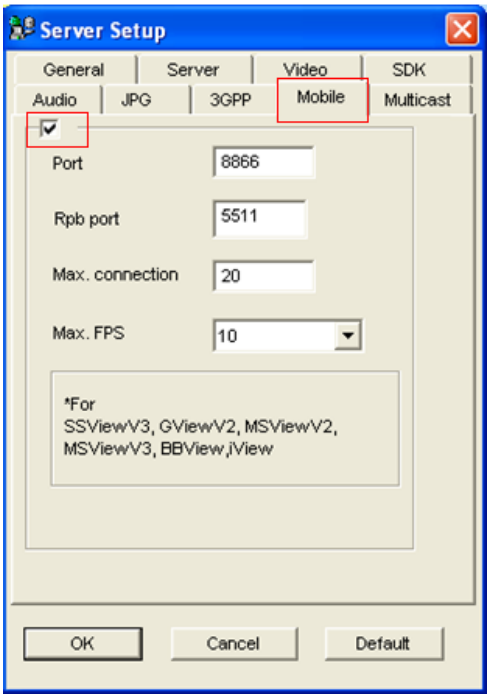


Figure 5

2. Execute **GV-GView V2** on your PDA.
3. Click the button located at the lower left corner (Figure 2). The login screen appears.

Figure 6

2. Enter the IP address of the GV-System, port value (default value is 5511), a username and a password. Then click **OK** to connect.
3. Select the desired recording on the event list for playback.

Other Functions

In addition to live view and playback, GV-GView V2 offers these functions: viewing and controlling I/O devices, PTZ control, adjusting image quality, starting and stopping recording.

On the live view screen, click the buttons on the toolbar to have the desired functions.

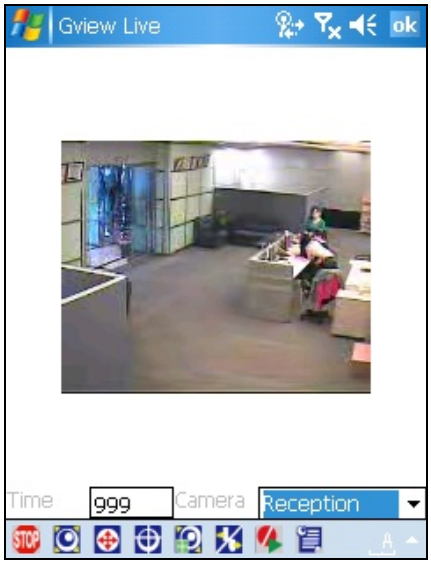
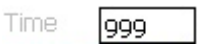


Figure 7

Button	Description
	Click it to stop the connection.
	Click it for Focus-in / Focus-out and Zoom-in / Zoom-out control. This is only available when the camera supports PTZ functions.
	Click it to move the camera to different directions. This is only available when the camera supports PTZ functions.
	Click it to move the camera to the preset positions. This is only available when the camera supports PTZ functions.
	Click it to adjust the image quality.
	Click it to access the connected I/O devices.
	Click it to start or stop recording.
	Click it to display the camera status.
	The supervisor is given the highest priority to control the PTZ camera and won't be restrained by 60-second time limit. When the supervisor logs in, the Timer shows 999.
	Use this drop-down list to switch cameras.

Accessing I/O Devices

To access the connected I/O devices, use the drop-down list to select the desired camera and click the button. The I/O module button appears on the toolbar.

Figure 8

The number on the toolbar indicates the connected module. Click the desired number to access its I/O devices. The I/O control buttons appear on the toolbar.

Figure 9

Button	Description
I	Click it to view the log of input triggers.
O	Click it to display and force the connected output devices.

Viewing Input-Triggered Events

All input triggers are logged on the Alarm list. Click the “I” button (Figure 9) to view the list of trigger events.

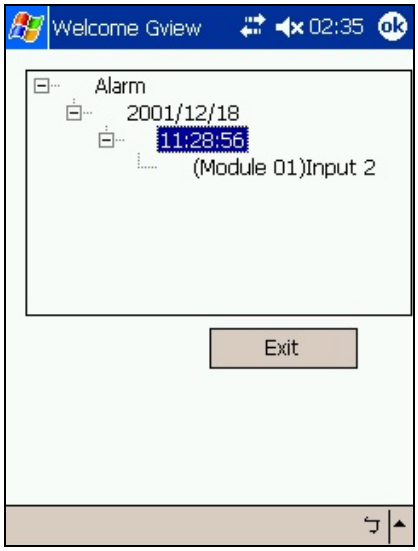


Figure 10

Forcing Outputs

To force any connected output devices, click the “**O**” button (Figure 9), and click the desired number. The numbers on the toolbar indicate the connected output devices.

Figure 11

Controlling PTZ Cameras

To control the PTZ camera, use the drop-down list to select the desired camera, and click the button on the live view screen (Figure 7).

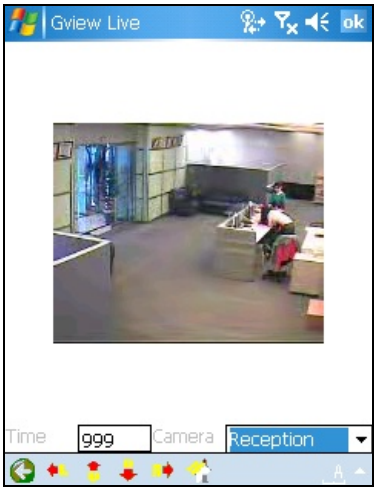


Figure 12

Button	Description
	Click it to return to the previous page.
	Use these buttons to move the PTZ camera to the left, up, down and right
	Click it to return to home.

Viewing Camera Status

To view the camera status, click the button on the live view screen (Figure 7).

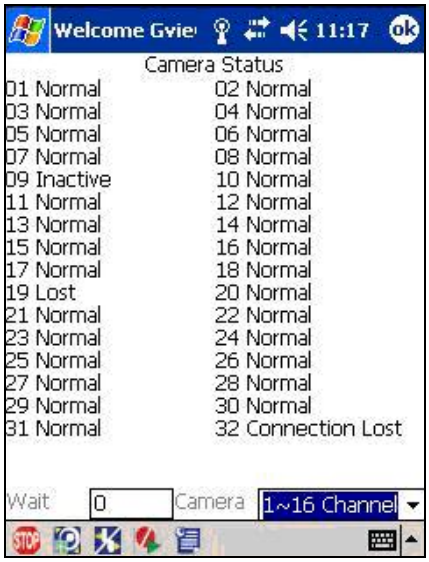


Figure 13

This screen displays the status of camera activity. Three messages indicate the current camera status.

Message	Description
Normal	The camera is turned on and not recording.
Inactive	The camera is turned off.
Recording	The camera is recording.

GV-MSView V2 / V3 for Windows Smartphone

With the MSView application, you can monitor your GV-System remotely through a Windows-based smartphone.

System Requirements

Handheld Device View	GV-MSView V2 / V3	
OS Supported	GV-MSView V2	Windows Mobile 5.0 and 2003 for Smartphone Windows Mobile 6.0 / 6.1 / 6.5 Standard and Professional
	GV-MSView V3	Windows Mobile 6.0 / 6.1 / 6.5 Standard and Professional
System Supported	GV-System version 8.3.2 or above	
Port	Data Port: 8866, RPB Port: 5511, VSS Port: 10000	
Protocol	TCP/IP (Streaming)	
Functions	Video streaming, GV IP devices support, PTZ control, I/O device control, Remote Playback (RPB) and etc.	

Key Features

- Live video
- GV IP devices support
- PTZ control
- I/O device control
- Remote Playback (RPB)

Download Link

Click Here to download GV-MSView V2 / V3.

Installing GV-MSView V2 / V3

You can install MSView program from the above download link or from the Surveillance System Software DVD.

1. Insert the Surveillance System Software DVD to the computer. It runs automatically, and a window pops up.
2. Click **Install V 8.4.0.0 System**, and then click **Microsoft Smartphone Viewer V2** or

Microsoft Smartphone Viewer V3.

3. Follow the on-screen instructions to complete the installation. The default installation directory is **C:\SmartPhone Viewer V2 or C:\SmartPhone Viewer V3**.
4. Through the synchronization program such as ActiveSync, install **MsviewV2.exe** or **MsviewV3.exe** from the installation directory to your smartphone. Consult your smartphone user's manual for how to install a program to the smartphone.

Running GV-MSView V2 / V3

1. To allow remote access to the GV-System, you must enable the **Mobile** function on the WebCam Server.

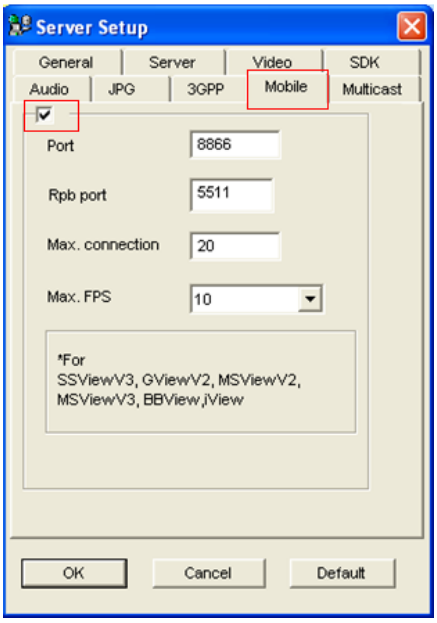


Figure 14

2. Execute **MSViewV2.exe** or **MSViewV3.exe** on your smartphone.

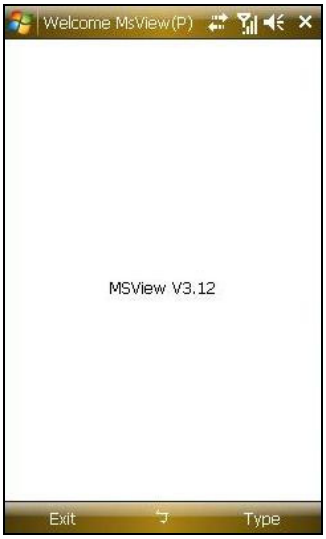


Figure 15

3. Click **Type** and then select **Live**.

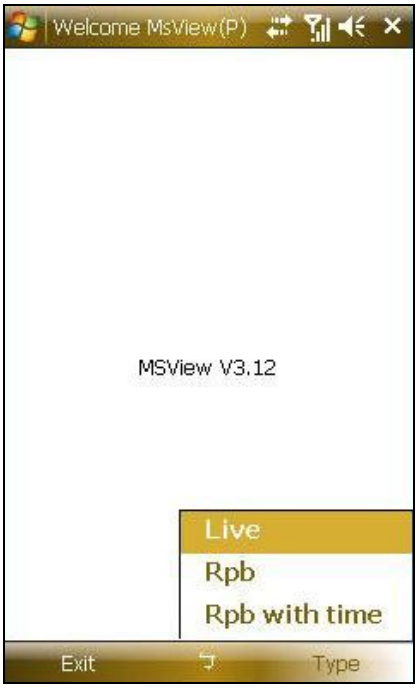


Figure 16

4. On the login screen, enter the IP address of the GV-System, port value (default value is 8866), a username and a password. Then click **Control** and select **Connect**.

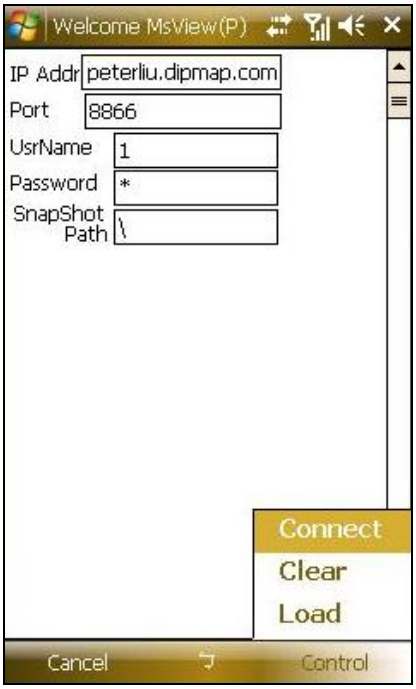


Figure 17

5. Once the connection is established, the live video will appear. You can use the scroll key on your smartphone to navigate camera channels.

Figure 18

Playing Back the Recordings

To play back the recordings, follow these steps:

Note:

1. The remote playback (RPB) function is only supported if the video was recorded with a resolution of CIF or lower.
2. The remote playback (RPB) function does not support the playback of video files recorded on the GV IP devices.

---

1. Enable these two functions on the WebCam Server.
   A. Enable the **Run ViewLog Server** option on the General tab (Figure 4).
   B. Enable the **Mobile** function on the Mobile tab, and keep the RPB port to be 5511 or modify it if necessary (Figure 1).
2. Execute **GV-MSView V2** or **GV-MSView V3** on your smartphone.
3. Click **Type** and then select **RPB** (Figure 16). If you want to search the recordings

within a specific period of time for playback, select **RPB with time**.

4. On the Login screen, enter the IP address of the GV-System, port value (default value is 5511), a username and a password. Then click **Select** and click **GV DVR** to start the connection.

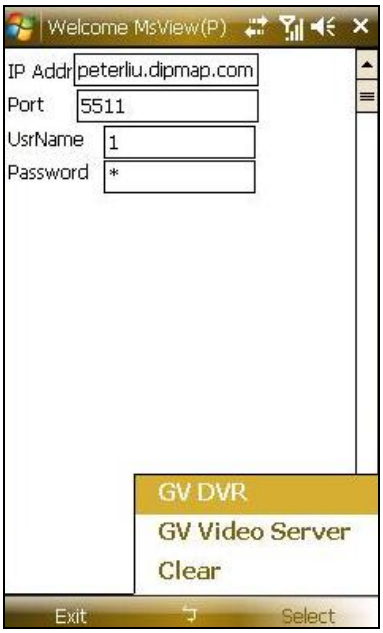


Figure 19

5. Select the desired video recording on the event list for playback.

Other Functions

In addition to live view, GV-MSView V2 or GV-MSView V3 offers these functions: zooming in/out a camera view, rotating images and controlling outputs. Select the Control option to have these features.

GV-SSView V3 for Symbian Smartphone

With the GV-SSView V3 application, you can monitor the GV-System remotely through a Symbian-based smartphone.

System Requirements

Handheld Device View	GV-SSView Version 3
OS Supported	Nokia S60 2nd Edition and 3rd Edition
System Supported	GV-System version 8.3.2 or above
Port	Data Port: 8866, RPB Port: 5511, VSS Port: 10000
Protocol	TCP/IP (Streaming)
Functions	Video Streaming, GV IP devices support, Remote Playback (RPB), PTZ control, output control and etc.

Key Features

- Video Streaming
- GV IP devices support
- Remote Playback (RPB)
- PTZ control
- Output control

Download Link

Click Here to download GV-SSView V3

Installing GV-SSView V3

You can install GV-SSView V3 program from the above download link or from the Surveillance System Software DVD.

1. Insert the Surveillance System Software DVD into the computer. It runs automatically, and a window pops up.
2. Click **Install V 8.4.0.0 System**, select **Symbian Smartphone Viewer V3 (For Nokia S60 2nd and 3rd)**.
3. Follow the on-screen instructions to complete the installation. The default installation directory is **C:\Symbain SmartPhone Viewer V3**.

4. Through the synchronization program such as Nokia PC Suite, install **SsviewV3.exe** from the installation directory to your smartphone. Consult your smartphone user's manual for how to install a program to the smartphone.

Running GV-SSView V3

The following operations may vary slightly for different modules.

1. To allow remote access to the GV-System, you must enable the **Mobile** function on the WebCam Server.

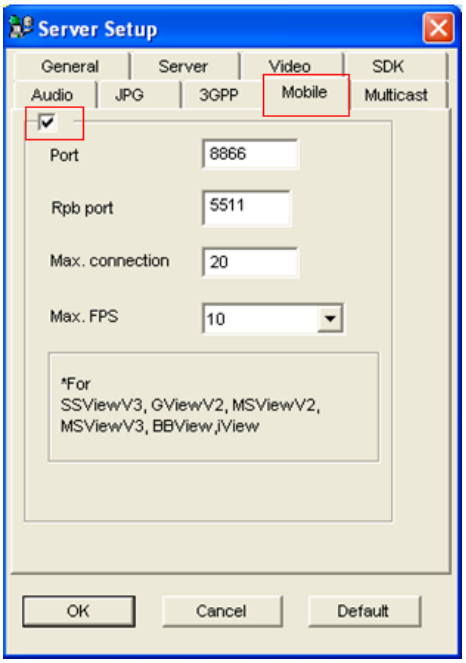


Figure 20

2. Execute **GV-SSView V3** on your smartphone.

Figure 21

3. Click **Options**, and select **Live Connect**.

Figure 22

4. On the Login screen, enter the IP address of the GV-System, port value (default value is 8866), a login username and a password. Then click **Options** and select **Connect**.

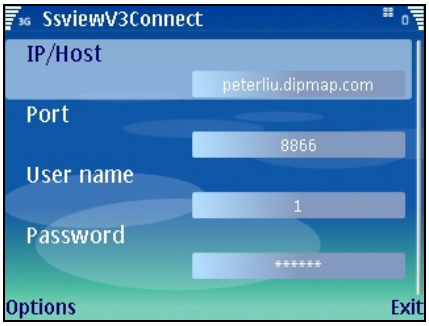


Figure 23

5. Once the connection is established, the live video will appear.

Figure 24

Quick Connection

The IP addresses of connected servers can be stored for quick connection in the future. Press the **[<]** and **[>]** buttons on the mobile device to select the desired server for connection.

Playing Back the Recordings

To play back the recordings from the GV-System, follow these steps:

Note:

1. The remote playback (RPB) function is only supported if the video was recorded with a resolution of CIF or lower.
2. The remote playback (RPB) function does not support the playback of video files recorded on the GV IP devices.

1. Enable these two functions on the WebCam Server.
   A. Enable the **Run ViewLog Server** option on the General tab (Figure 4).
   B. Enable the **Mobile** function on the Mobile tab, and keep the RPB port to be 5511 or modify it if necessary (Figure 1).
2. Execute **GV-SSView V3** on your smartphone.
3. Click **Options**, and then select **RPB** (Figure 22). If you want to search the recordings within a specific period of time for playback, select **RPB With Time**.

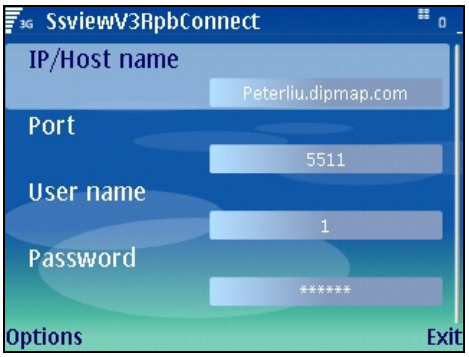


Figure 25

4. On the Login screen, enter the IP address of your GV-System, port value (default value is 5511), a username and a password. Then click **Options** and select **Video Server**.
5. Select the desired recording on the event list for playback.

Other Functions

In addition to live view, GV-SSView V3 offers other useful functions, such as changing camera channels, zooming in a camera view, rotating images and seeing Server and WebCam information. Select **Options** to have these features.

GV-BBView V1.1 for BlackBerry Smartphone

With the GV-BBView V1.1 phone application, you can remotely view live video, force output devices to be triggered, and start and stop monitoring from your BlackBerry phone.

System Requirements

Handheld Device View	GV-BBView V1.1
OS Supported	BlackBerry OS 4.2.1 to 5.0
System Supported	GV-System version 8.3.2 or above
Port	Data port: 8866; HTTP port: 80
Protocol	TCP/IP (JPEG)
Functions	Video streaming, I/O device control

Key Features

- Live video
- I/O device control

Download Link

Click Here to download GV-BBView V1.1.

Installing GV-BBView V1.1

You can install GV-BBView V1.1 program from the above download link or from the Surveillance System Software DVD.

Important: The version of GV-BBView program on the software DVD is V1.0. To download GV-BBView of version 1.1, please refer to the above download link.

1. Insert the Surveillance System Software DVD to the computer. It runs automatically, and a window pops up.
2. Click **Install V 8.4.0.0 System**, select **BlackBerry Smartphone Viewer**, and follow the on-screen instructions to complete the instillation. The default installation directory is **C:\BBView**.
3. Through the synchronization program such as Desktop Manager, install **BBViewV1.alx** from the created installation directory to your BlackBerry. Consult the BlackBerry phone user's manual for how to install a program to the phone.

Running GV-BBView V1.1

1. To allow remote access to the GV-System, you must enable the **Mobile** function on the WebCam Server. And keep the RPB port to be 5511 or modify it if necessary.

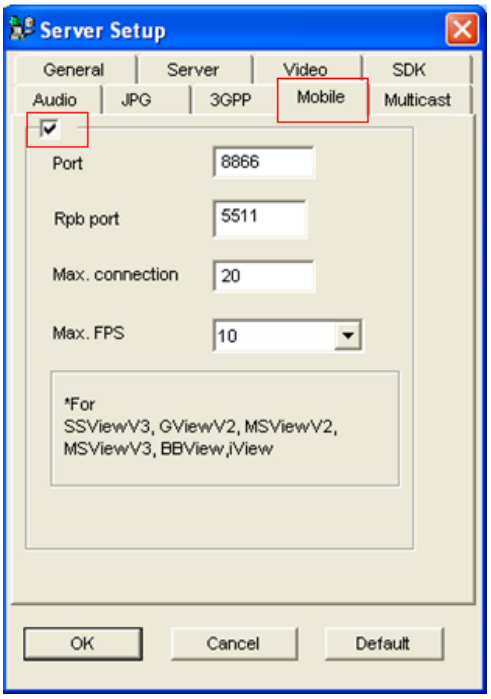


Figure 26

2. Enable the **Create JPEG/GIF file(s)** function on the JPG tab.

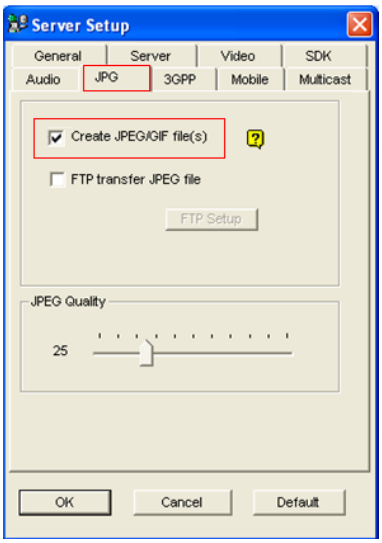


Figure 27

3. Click the **GV-BBView** application on your phone, select **Create Live Connection**. The Login screen appears.

4. Enter the IP address, port value (default value is 8866), a username and a password to log in GV-System.
5. Select **Connect** to start. Once the connection is established, the Camera List will appear.
6. Select the desired camera and select it again to access the live view.
7. To change to another camera, select **Change Option**, and follow Step 4.

Forcing Outputs

1. To force any connected output devices, select **IO Module**, scroll down to select the desired output device on the list, and push in the scroll wheel to select **Force Output**.
2. To force another output device, push in the scroll wheel to select **Change Option**, and follow the above step.

GV-iView V2.1 for iPhone and iPod Touch

GV-iView V2.1 function is introduced to support iPhone and iPod Touch for the mobile surveillance application.

System Requirements

Handheld Device View	GV-iView V2.1
OS Supported	**iPhone** with iPhone OS 2.2 or above **iPod Touch** with iPhone OS 2.2 or above
System Supported	GV-System version 8.3.2 or above
Port	Data Port: 8866, RPB Port: 5511, HTTP Port: 80; Command Port: 4550 (for PTZ control); Data Port: 5550 (for PTZ control)
Protocol	TCP/IP (JPEG)
Functions	Video streaming, GV IP devices support, Remote Playback (RPB), PTZ control, output control and etc.

Key Features

- Live video
- GV IP devices support
- Remote Playback (RPB)
- PTZ control
- Output control

Download Link

Click Here to download GV-iView V2.1.

Installing GV-iView V2.1

You can install GV-iView V2.1 program from the above download link or from the Surveillance System Software DVD.

1. Connect your mobile device to the computer.
2. Search **GV-iView V2.1** on iTunes Store.

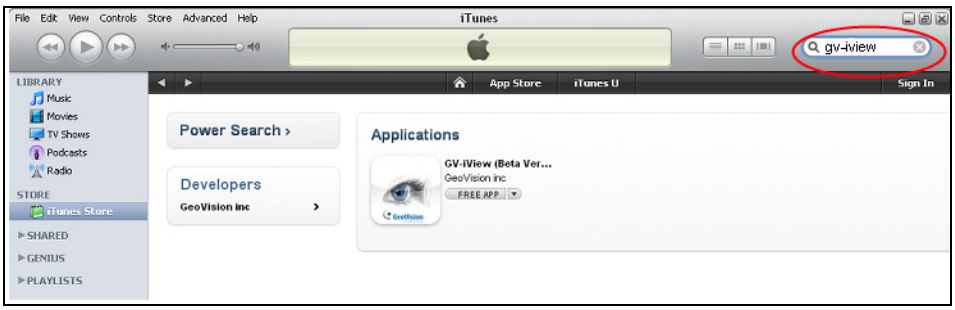


Figure 28

3. Click **FREE APP**, and type your Apple ID and password. The GV-iView V2.1 starts loading to your mobile device.

Running GV-iView V2.1

To allow remote access to GV-System, the following functions must be activated:

1. On the main screen, click the **Network** button, select **WebCam Server**, click the **JPG** tab, and select **Create JPEG/GIF file(s)**.

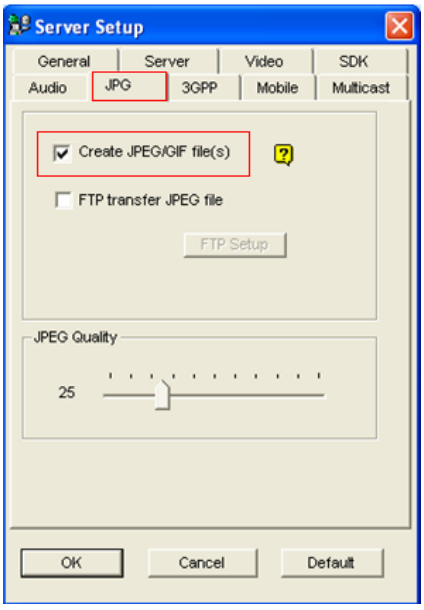


Figure 29

2. Click the **Mobile** tab, and activate the settings of communication ports.

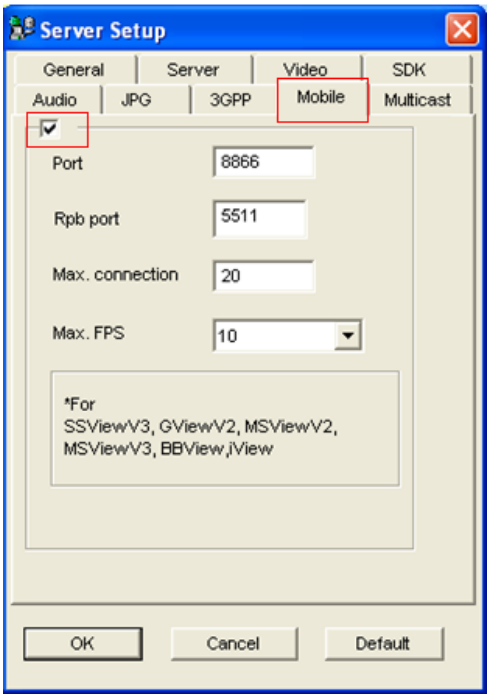


Figure 30

3. Click **OK** to start the WebCam server.

Note: If there is a router or firewall installed, ensure these communication ports required by the WebCam server are open: HTTP Port 80, HTTPS Port 443 (if SSL is enabled), Live View Port 8866 and RPB Port 5511.

---

4. Activate **GV-iView V2.1** on the mobile device.
5. On the login screen, enter the IP address of the GV-System, port value (default value is 8866), ID and Password. Then press **Connect**. Once the connection is established, the live display of 6 cameras will appear.

6. Select ON for HTTPS if SSL is enabled for WebCam Server. If the default SSL port of 443 on the WebCam Server is modified, specify the new port number used for HTTPS connection at the end of the IP address, e.g., www. geovision.com.tw:450.

Figure 31

Playing Back the Recordings

To retrieve the events recorded on the GV-System and play them back:

Note:

1. The remote playback (RPB) function is only supported if the video was recorded with a resolution of CIF or lower.
2. The remote playback (RPB) function does not support the playback of video files recorded on the GV IP devices.

---

1. On the login screen (Figure 31), press RPB View

.

2. Enter the IP address of the GV-System, port value (default value is 5511), ID and Password. You can also search the recordings of a specified date and time by selecting **RPB Time Setting** and entering the date and time. Then press **Connect**.

Figure 32

Figure 33

3. Select the desired recordings from the event list for playback. Use the **Change cam** button at the top right corner to switch cameras.

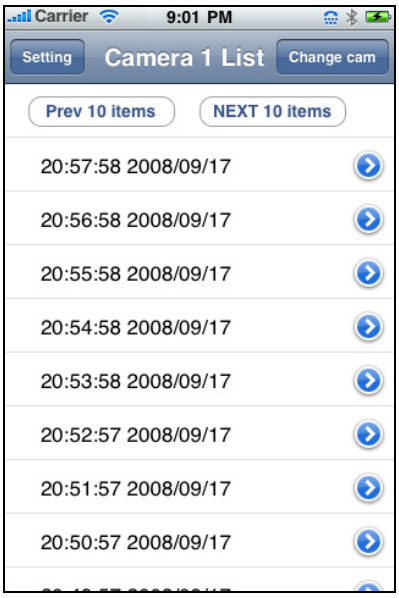


Figure 34

Other Functions

After you enlarge one channel, you can find the following buttons for control.

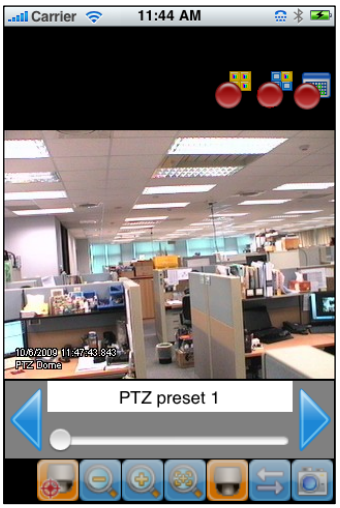


Figure 35

Button	Name	Function
	Enable Record	Activates recording controls.
	Record One Channel	The button is available when you press the **Enable Record** button. Starts / stops recording the current channel.
	Record All Channels	The button is available when you press the **Enable Record** button. Starts / stops recording all channels.
	Enable PTZ	Activates PTZ controls.
	Focus Far / Focus Near	The two buttons are available when you press the **Enable PTZ** button. Use the two buttons to focus in or out the image.
	PTZ Preset	The button is available when you press the **Enable PTZ** button. It allows you to remotely move the PTZ to the preset points.
	Auto Focus	The button is available when you press the **Enable PTZ** button.
	Enable I/O	Activates the output controls.
	Snapshot	Takes a snapshot of image.

PTZ Speed Control for PTZ Cameras

Click anywhere on the Live View screen of PTZ camera to bring up the PTZ Speed Setting panel. Select your desirable level of PTZ speed. Higher value means higher speed.

Figure 36

Accessing I/O Devices

1. Press the **Enable I/O** button. The screen, similar to the following image, appears.
2. Use the left and right buttons to change the I/O module, and use the scrollbar to change the output device.
3. Press IO Module 1 (output: Output 1) to manually force the output to be activated.

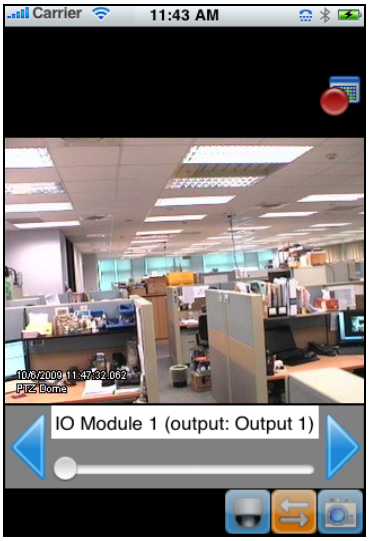


Figure 37

My Favorite

On the login screen (Figure 31) you can find the My Favorite option, allowing you to add several links of GV-System servers for quick connections. Up to 50 links can be created.

Figure 38

GV-AView V1 for Android Smartphone

Using the GV-AView V1 application on Android-based smartphone of version 2.2, you can remotely view live video, take snapshot and start and stop monitoring.

System Requirements

Handheld Device View		**GV-AView V1.0**
OS Supported		Android version 2.2
System Supported		GV-System version 8.4 or above
Port		Data Port: 8866, HTTP Port: 80, VSS Port: 10000
Protocol		TCP/IP (JPEG from GV-System; JEPG/MPEG4/H.264 from GV IP Devices)
Codec		MJPEG, MPEG4, H.264
Resolution Supported	**MJPEG**	704 x 480 or below
	MPEG4	704 x 480 or below
	H.264	320 x 240 or below
Functions		Video streaming, GV IP devices support, Audio (from GV IP devices), PTZ control

Key Features

- Live video
- Support for GV IP devices
- Support for audio from GV IP devices
- PTZ control

Download Link

You can download GV-AView V1 from Android Market, and after installing the application on your mobile phone, the GV-AView icon will appear on the desktop.

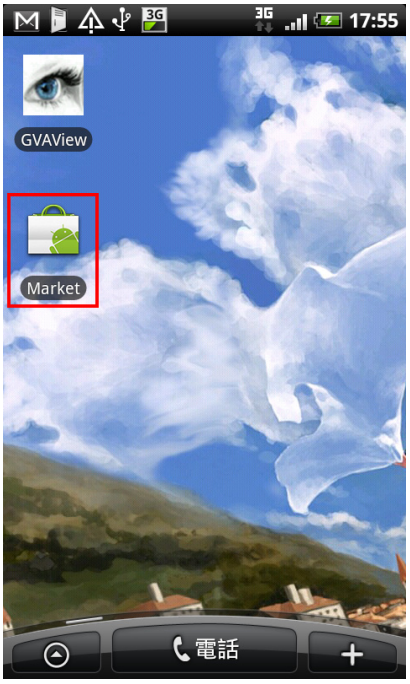


Figure 39

Running GV-AView V1

Follow the steps below to access a GV-System or a GV IP device.

Accessing to a GV IP device

1. Double-tap the **GV-AView** icon on the main page.

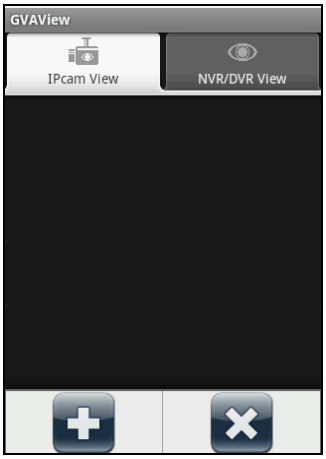


Figure 40

2. Press the **Menu** button on the mobile phone and then tap the **Add** button . The login page appears.

Figure 41

3. Type the name, IP address, port number, user name and password of the GV IP device.

4. You can press the **Menu** button on the mobile phone and tap the **Version** button to see the version information or tap the **Address Book** button to see the address book.

5. Tap the **Add** button to add the login information to the address book. If you want to edit existing login information, tab the **Edit** button to save the information after making the changes.

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

Figure 42

7. 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 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 the audio function.
8. If the GV IP device supports multiple channels, tap the numbers on the top of the screen to switch to other channels.

Accessing to GV-System

To access the GV-System using GV-Aview V1.0, follow the steps below:

1. To allow remote access to the GV-System, you must enable the **Mobile** function on the WebCam Server.

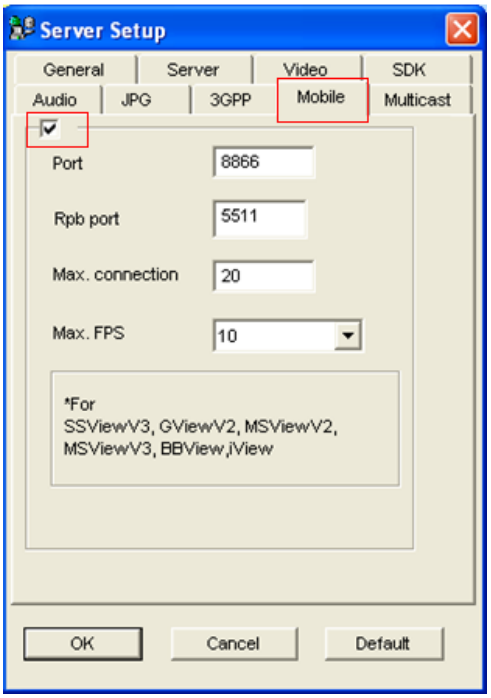


Figure 43

2. Enable the **Create JPEG/GIF file(s)** function on the JPG tab.

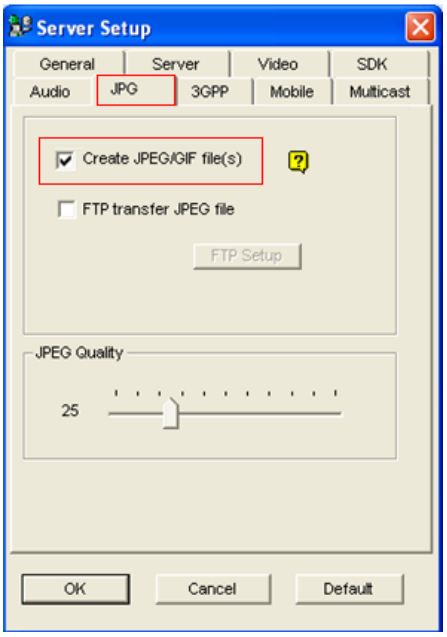


Figure 44

3. Click **OK** to save the settings.

4. Double-tap the **GV-AView** icon on the main page.

5. Tap the **NVR/DVR View** tab on the top. The login page appears.

Figure 45

6. In the login page, enter the IP address, port number, user name and password of the GV-System.

7. On the bottom of the screen, you can tap the **My favorite** button to save the connection information or tap the **Image setting** button to change the image quality between **Normal** and **Good**.

8. Tab the **Connect** button to connect to the GV-System. Up to 6 camera live views can be displayed on each page. To see other channels, use the scroll bar on the bottom of the screen.

9. Press the menu button on the mobile phone to see the following options:

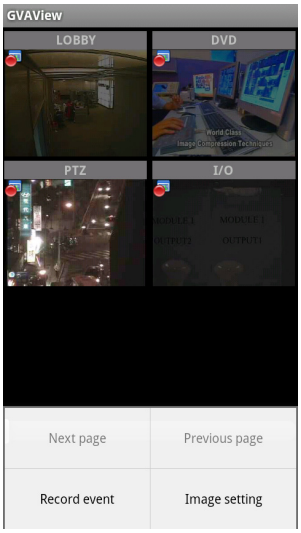


Figure 46

- **Next Page:** See the channels on the next page.
- **Previous Page:** See the channels on the previous page.
- **Record Event:** Start or stop recording the current channel or all channels.
- **Image setting:** Changes the image quality between **Normal** and **Good**.

10. Double-tap the live view to see it in single view. 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.

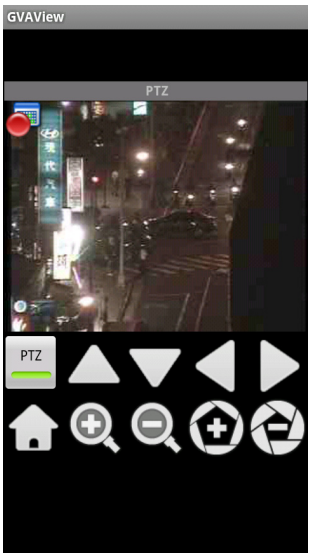


Figure 47

11. In the single view mode, press the **Menu** button to access the following options: PTZ, Record event, Image setting, and Capture image.

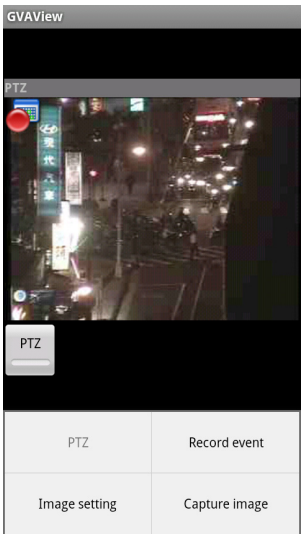


Figure 48

3GPP Viewer for 3GPP Phone

Without installing any GV applications, you can directly access live video or recordings from a 3G-enabled mobile phone.

System Requirements

Handheld Device View	3GPP Viewer
OS Supported	Mobile phones with players supporting RTSP (Real Time Streaming Protocol)
System Supported	GV-System version 8.3.2 or above
Port	TCP Port: 8554, UDP Port: 17300-17380
Protocol	TCP/IP (Streaming)
Functions	Video streaming, Remote Playback (RPB), Audio (from GV-System) and etc.

Key Features

- Live video
- Remote Playback (RPB)
- Support for audio from GV-System

Running 3GPP

It is not required to install any program to run the 3GPP mobile application.

1. To allow remote access to GV-System, you must enable the **3GPP** function on the WebCam Server.

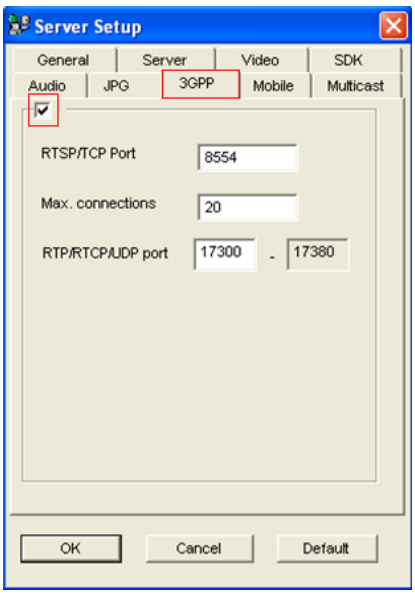


Figure 49

2. On the mobile phone, open the Internet browser, and enter the IP address of the GV-System to establish the connection.
3. On the Login page, enter a username and a password, select 3G, and click Submit.

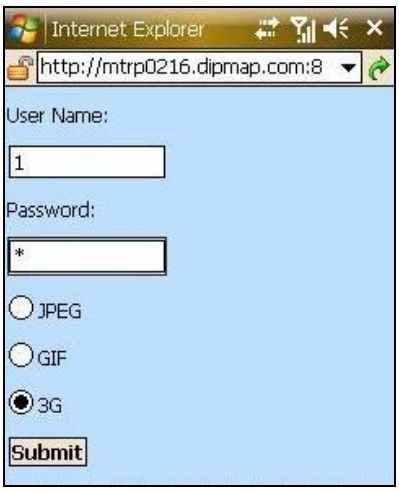


Figure 50

4. Select **Live**. If you want to change the video settings, use the drop-down lists to configure video size, quality and audio codec. Then scroll down the page to click **Submit**.

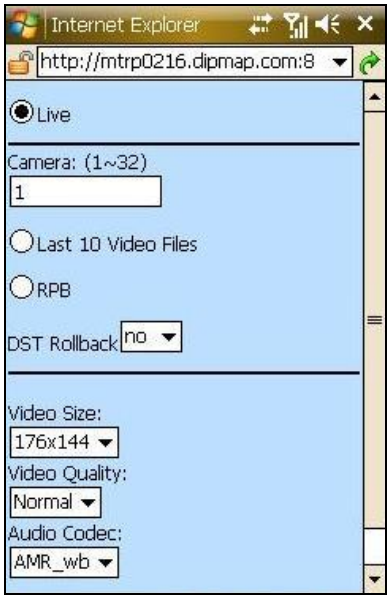


Figure 51

5. On the camera list, click the desired camera to access its live view, and then click **Next**.

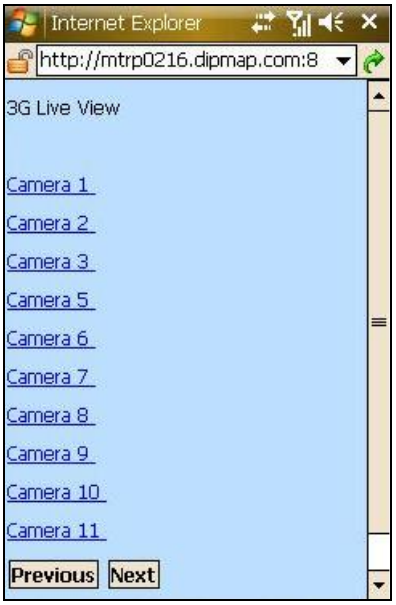


Figure 52

6. The default player is called up and the live video appears. Note the players on the mobile phones may be different.

Figure 53

Playing Back the Recordings

You can play back the recordings on the 3G mobile phone.

Note:

1. The remote playback (RPB) function is only supported if the video was recorded with a resolution of CIF or lower.
2. The remote playback (RPB) function does not support the playback of video files recorded on the GV IP devices.

- To search the recordings of the specific time, follow these steps:

1. On the Settings page (Figure 51), select **RPB** and click **Submit**. This page appears.

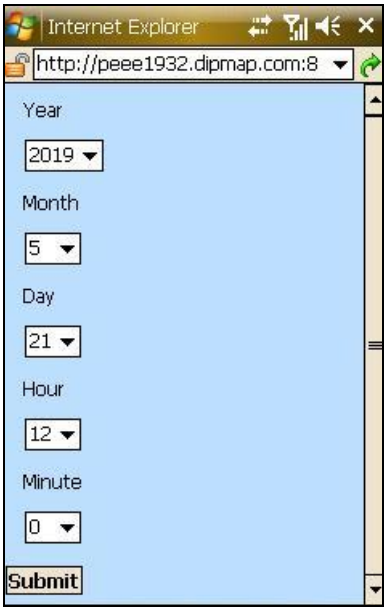


Figure 54

2. Use the drop-down lists to define the specific time for search, and then click **Submit**.
3. The event list will display the 10 recordings after the defined time. Select the desired recording on the event list for playback.

- To play back the last ten recordings, follow these steps:

1. On the Settings page (Figure 51), select **Last 10 Video Files** and click **Submit**.
2. The event list will display the last 10 recordings. Select the desired recording on the event list for playback.

FAQ

Click the link to read the related FAQ articles:

1. How can I access live view using iPhone or iPod Touch?
   ftp://geo-demo-japan.dipmap.com/FAQ/Webcam/iPhone-j.pdf
2. How to configure the port forwarding to allow remote viewing?
   ftp://geo-demo-japan.dipmap.com/FAQ/Webcam/port_forward-v-a.pdf