



# GV-Eye Mobile App.

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## GV-Eye

Use GV-Eye to monitor remote sites from your iOS or Android devices. With GV-Eye, you can watch multiple live views, play back recordings, trigger a remote output and take snapshots from your mobile device.

### 1.1 Specifications

<b>Supported OS</b>	iOS 8 ~ 9.3.2 ; Android 4.1.2 ~ 6.0.1
<b>Supported Version</b>	GV-Eye V2.3.1 for iOS GV-Eye V2.3 for Android
<b>Default Port Settings</b>	<ul style="list-style-type: none"> <li>• GV-IP devices (VSS Port): 10000 (connection); 5552 (Playback)</li> <li>• GV-Recording Server/Video Gateway Server: 11000 (connection); 5552 (playback)</li> <li>• GV-Mobile Server: 55000 (connection)</li> <li>• GV-VMS: 56000 (connection); 5552 (playback)</li> <li>• GV-DVR/NVR: 56000 (connection); 5552 (playback)</li> <li>• GV-SNVR: 10000 (connection); 80 (playback)</li> </ul>
<b>Codec</b>	MPEG4, MJPEG, H.264 and H.265
<b>Resolutions</b>	Up to 12 MP (4000 x 3000)
<b>Functions</b>	Live View, PIP (Picture-in-picture), Fisheye Dewarping (optional), PTZ Control & Preset, Remote Playback, I/O Output trigger, Snapshot, 2-Way Audio, Stream Switching, Device Search, Hardware Decoding
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. Hardware decoding is only supported by devices using Android 4.1 or later and that contain a GPU (graphic processing unit).</li> <li>2. Access is only allowed for <b>Admin</b> users.</li> <li>3. By default, GV-Eye connects to stream 2 of any GV-IP device, which is in H.264 codec and CIF resolution.</li> <li>4. Fisheye Dewarping is an optional and a paid service. For details, see <a href="#">1.10 Fisheye Dewarping</a>.</li> <li>5. The GV-Eye is only compatible with GV-DVR/NVR of version 8.6 or later.</li> </ol>	



## 1.2 Supported GV-IP Devices and Software

GV-Eye is compatible with the following GV-IP devices and video management software.

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**Note:** To upgrade your GV-IP devices to the latest firmware, please visit [http://www.geovision.com.tw/english/5\\_3.asp](http://www.geovision.com.tw/english/5_3.asp).

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### 1.2.1 Supported Products

#### GV-IP Camera

- **GV-BL110D, GV-BX110D, GV-MFD110, GV-FE110/111 and GV-PT110D** (firmware V1.01 or later)
- **GV-PTZ010D** (firmware V1.09 or later)
- **GV-SD220/220S and GV-SD010/010S** (firmware V1.02 or later)
- **GV-Target IP Cameras** (firmware V1.01 or later)
- **Other GV-IP Cameras** (firmware V2.11 or later)

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**Note:** GV-SD200 and GV-SD200S are not supported.

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#### GV-Compact DVR

- **GV-Compact DVR V2** (firmware V1.10 or later)
- **GV-LX4C3 Series 4-Ch Compact DVR V3** (firmware V1.04 or later)
- **GV-LX8C Series 8-Ch Compact DVR V3** (firmware V1.02 or later)

#### GV-Video Server

- **GV-VS04A** (firmware V1.06 or later)
- **GV-VS11** (firmware V1.03 or later)
- **GV-VS12** (firmware V1.07 or later)
- **GV-VS14** (firmware V1.01 or later)

#### Surveillance System

- **GV-SNVR0400F** (firmware V1.00 or later)
- **GV-SNVR0411** (firmware V2.00 or later)
- **GV-SNVR1600** (firmware V1.00 or later)

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**Note:** For GV-SNVR0400F, the playback is not supported using GV-Eye. For GV-SNVR1600, the playback is only supported by firmware V1.2 or later.

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#### Video Management Software

- **GV-Mobile Server** (V1.3 or later)
- **GV-Recording Server** (V1.22 or later)
- **GV-Video Gateway** (V1.22 or later)
- **GV-VMS** (V14.10 or later)
- **GV-DVR/NVR** (V8.6 or later)

### 1.2.2 Supported Products for Monitoring Activation

#### GV-IP Camera

- **GV-BL110D, GV-BX110D, GV-MFD110, GV-FE110/111 and GV-PT110D** (firmware V1.01 or later)
- **GV-PTZ010D** (firmware V1.09 or later)
- **GV-SD220/220S and GV-SD010/010S** (firmware V1.02 or later)
- **GV-Target IP Cameras** (firmware V1.01 or later)
- **Other GV-IP Cameras** (firmware V2.11 or later)

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**Note:** GV-SD200 and GV-SD200S are not supported.

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#### GV-Video Server

- **GV-VS11** (firmware V1.03 or later)
- **GV-VS12** (firmware V1.07 or later)
- **GV-VS14** (firmware V1.01 or later)

#### Video Management Software

- **GV-VMS** (V15.10 or later)

### 1.2.3 Supported Products for Assigning NAS Storage Path

#### GV-IP Camera

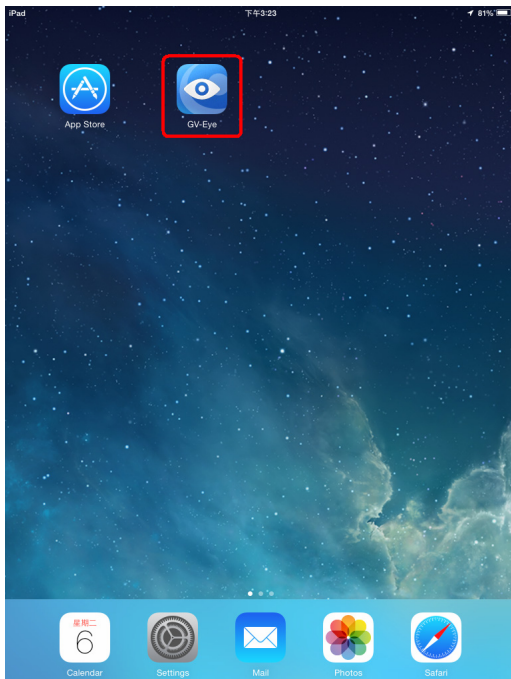
- **GV-Target IP Cameras** (firmware V1.02 or later)
- **Other GV-IP Cameras** (firmware V3.0 or later)



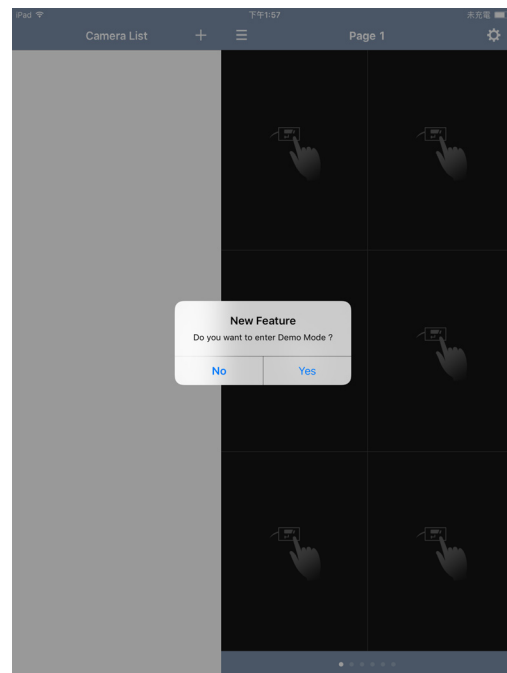
### 1.3 Installing GV-Eye

You can download GV-Eye from the **App Store** or **Android Market** and install the application. The GV-Eye icon appears on the desktop of your mobile device.

Tap to open the app. Upon the first launch, you will be directed to a dialogue box to enable or disable **Demo Mode** (see *1.9 System Settings*). Select **Yes** to enable **Demo Mode** for trial experience of GV-Eye features. Select **No** to disable **Demo Mode** and connect your GV-IP devices and software with the app.



**GV-Eye icon on iPad**

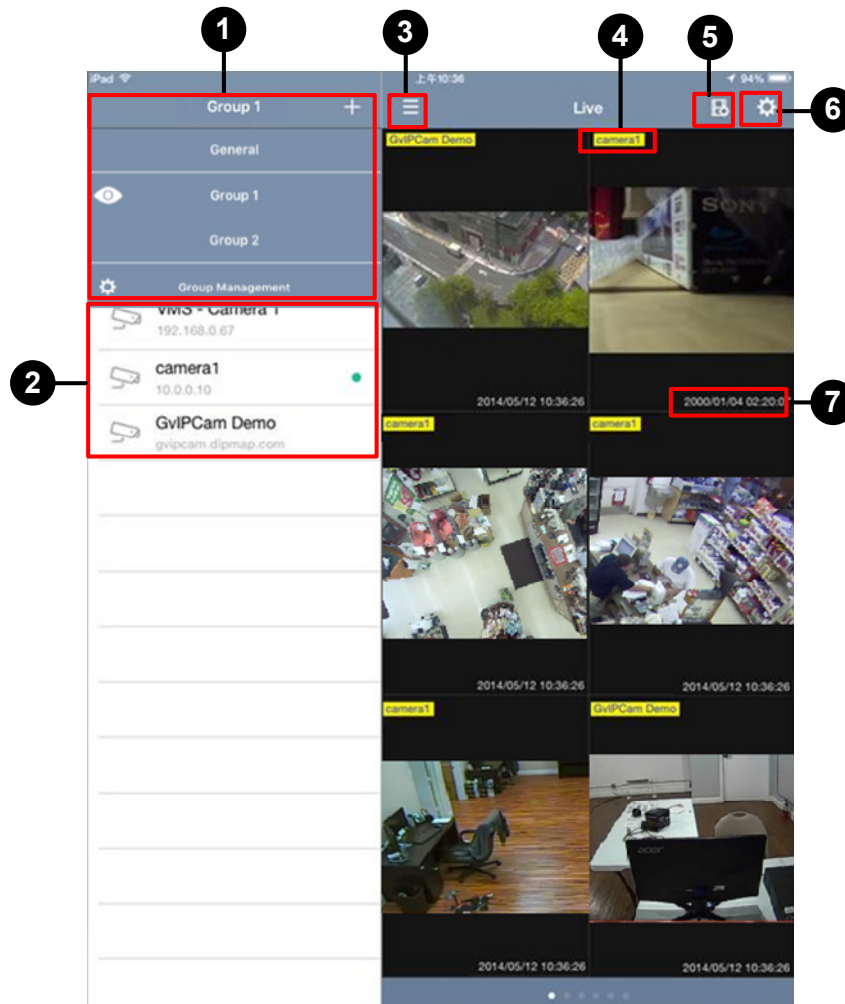


**Dialogue Box of Demo Mode on iPad**



## 1.4 Main Page

Tap the GV-Eye icon on the desktop of your device. The GV-Eye main page appears. iPad screenshot is used as an example.



No.	Name	Function
1.	Group List	Manages groups for GV-IP devices. For details, see <i>Group Management</i> in this installation guide.
2.	Camera List	Adds and removes connections to GV-IP devices and software. For details on adding a camera, see <i>Connecting to GV-IP Devices and Software</i> in this installation guide.
3.	Full Screen	<u>iPads and Android Tablets</u> : Opens and closes the Camera List. <u>iPhones, iPod Touch and Android Phones</u> : Opens the Camera List.



4.	Device Name	Shows the device name. The icon shows red when the recording is enabled.
5.	Edge Setting	Configures IP address and recording storage path of the device.
6.	Settings	Tap this button to access the GV-Eye settings. For details, see the <i>Settings</i> section later in this installation guide.
7.	Device Time	Shows the device time.

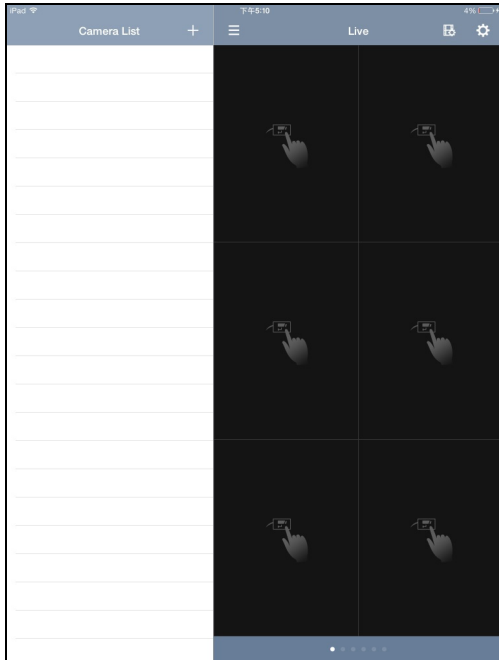


## 1.5 Connecting to GV-IP Devices and Software

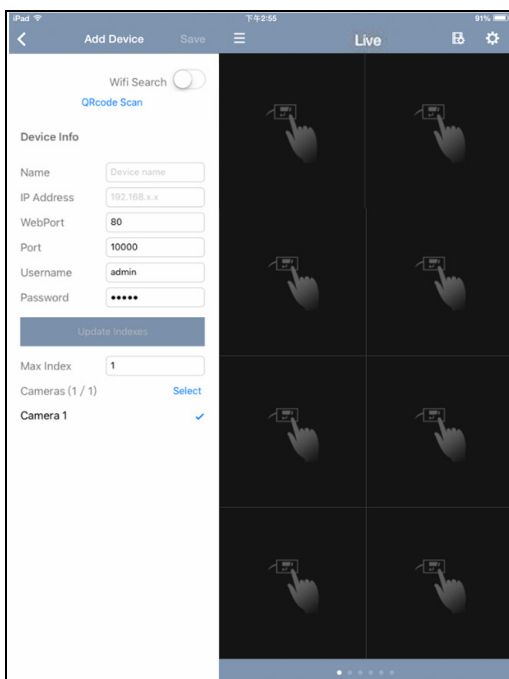
Follow the steps below to connect your mobile device to GV-IP devices and software. **iPad** screenshots are mainly used as examples.

### 1.5.1 Automatic Connection

1. Click the **GV-Eye** icon  on the desktop of your mobile device. This page appears.



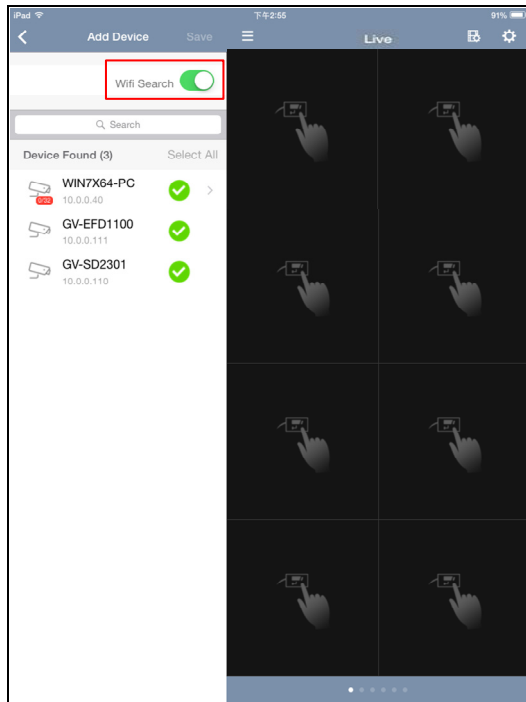
2. Tap the **Add** button . This page appears.



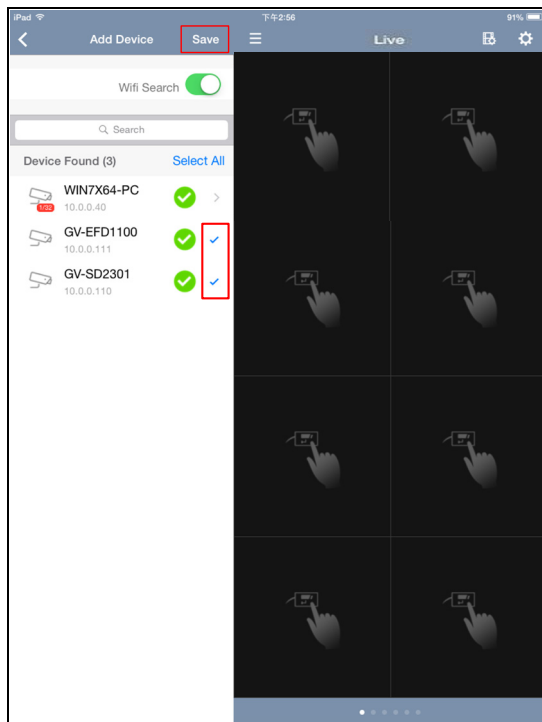




3. Enable **WiFi Search** to detect any GeoVision IP devices and software under the same LAN.



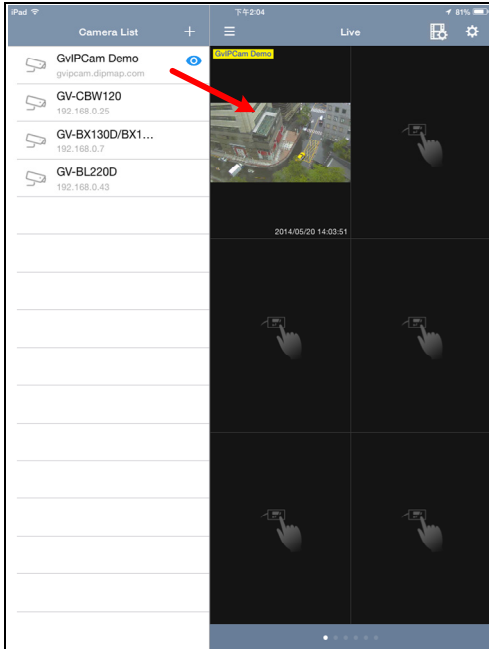
4. Select desired devices and software and tap **Save**.



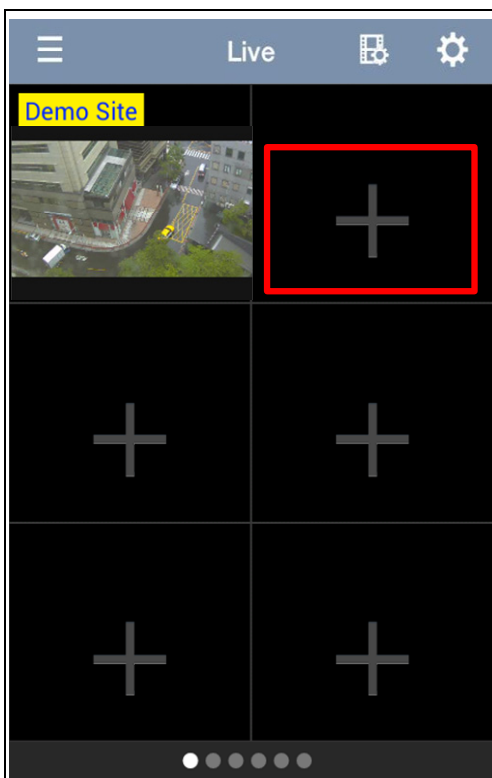


5. To display a camera live view, follow the steps below.

- On iPads and Android tablets, tap and drag the camera from the Camera List to the live view grid you want.

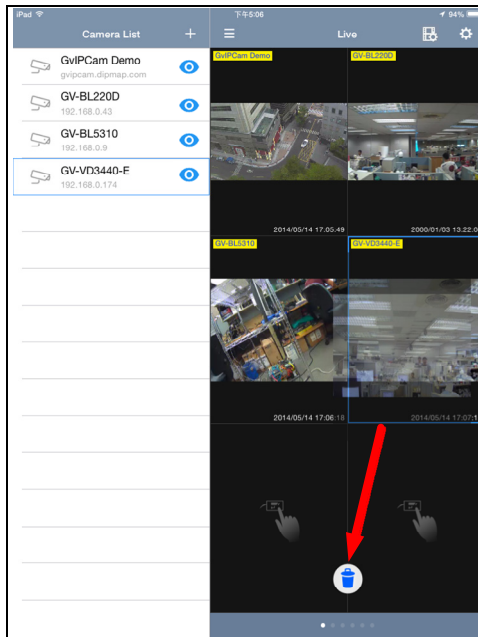


- On iPhones and Android phones, tap the + sign on the live view grid you want and select a camera from the popped-up Camera List.

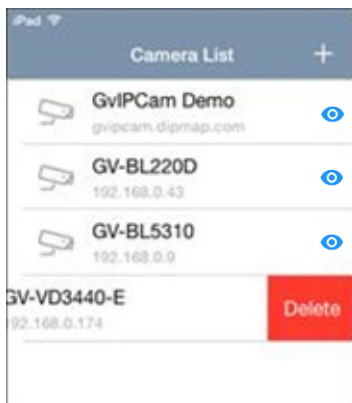




- To disconnect a live view, tap and hold the live view and drag the live view into the trash can icon.



- To remove an entry from the Camera List, glide the entry to the left and tap **Delete**.




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**Tip:** To remove all the entries on the Camera List, tap **Delete All Entries on Camera List** from the Settings page. For details, see [1.9 System Settings](#).

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- To change the device information, tap the entry from the Camera List to modify. The modified camera will be reconnected after you save the settings.

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**Note:** You can assign up to 96 channels on the live-view pages, but access only 16 channels of live views on a single page at the same time.

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## 1.5.2 Manual Connection

1. Follow Step 1 to 2 in *1.5.1 Automatic Connection* to access the Add Device page.
2. On the Add Device page, enter the IP address, port number, username and password of the GV-IP device or software and enter a name.



The screenshot shows the 'Add Device' page on an iPad. At the top, there is a back arrow, the title 'Add Device', and a 'Save' button. Below the title, there is a 'Wifi Search' toggle switch which is currently turned off, and a blue link for 'QRcode Scan'. The 'Device Info' section contains several input fields: 'Name' (placeholder: Device name), 'IP Address' (placeholder: 192.168.x.x), 'WebPort' (value: 80), 'Port' (value: 10000), 'Username' (value: admin), and 'Password' (masked with six dots). Below these fields is a blue button labeled 'Update indexes'. At the bottom, there is a 'Max Index' field with the value '1', a 'Cameras (1 / 1)' section with a blue 'Select' link, and a list item 'Camera 1' with a blue checkmark to its right.






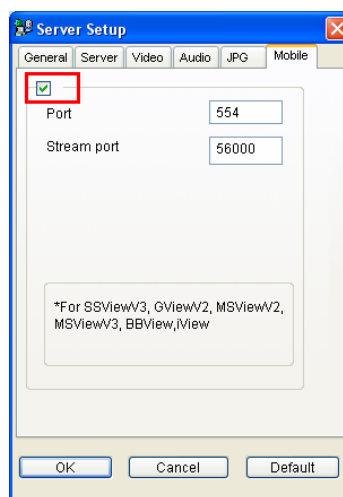
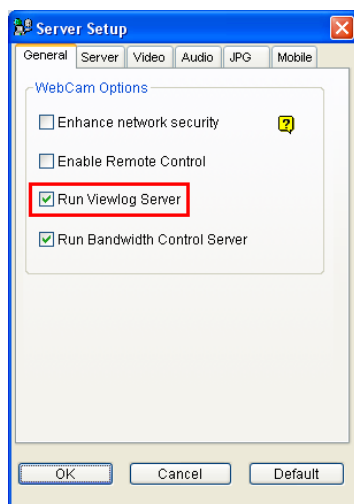
**Note:**

1. For different GV-IP devices and software, you need to modify the **Port Number** when setting up the above connection. For example, to connect GV-DVR/NVR/VMS, type port 56000. For a list of default port numbers for GV-IP devices and software, see *System Requirements* earlier in this Installation Guide.

If a router or firewall is installed with these remote servers and IP devices, ensure the corresponding port is open too. Refer to

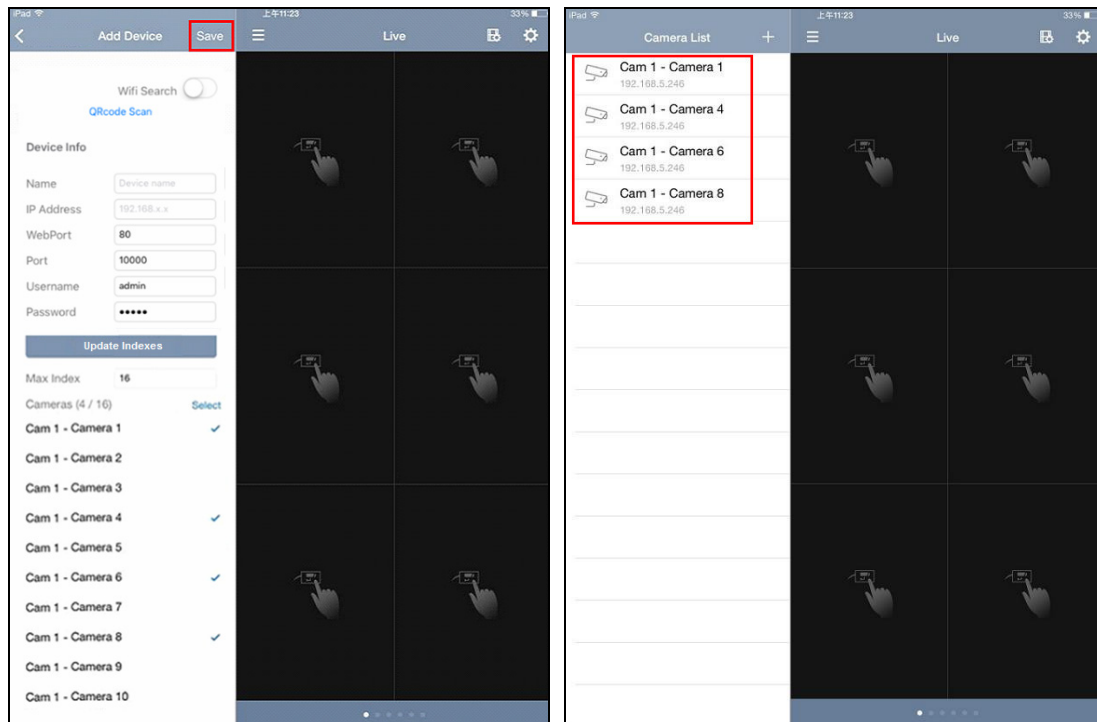
[http://portforward.com/english/routers/port\\_forwarding/](http://portforward.com/english/routers/port_forwarding/)

2. To allow mobile access to GV-DVR/NVR/VMS, enable the ViewLog and mobile function in advance. From the main screen on GV-VMS, select **Toolbar** , select **Network**  and then select **WebCam Server**. From the main screen on GV-DVR/NVR, select **Network**  and then select **WebCam Server**.





3. Click **Update Indexes**. The total number of cameras and each installed GV-IP Cameras are displayed.
4. By default, all the installed cameras are selected. To change this setting, deselect the cameras by tapping the check marks next to the cameras, or tap **Select** to set the range of cameras to add.
5. Tap **Save** on the top-right corner. The selected cameras are added to Camera List.



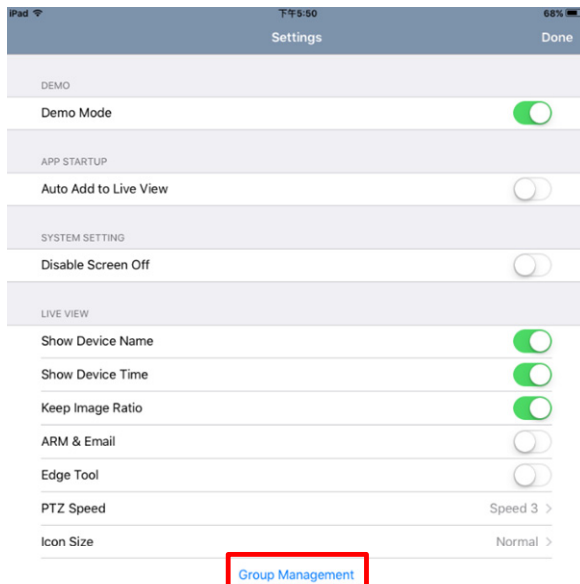
6. To display, disconnect live view and remove a camera from the list, refer to Step 5 to 8 in *1.5.1 Automatic Connection*.



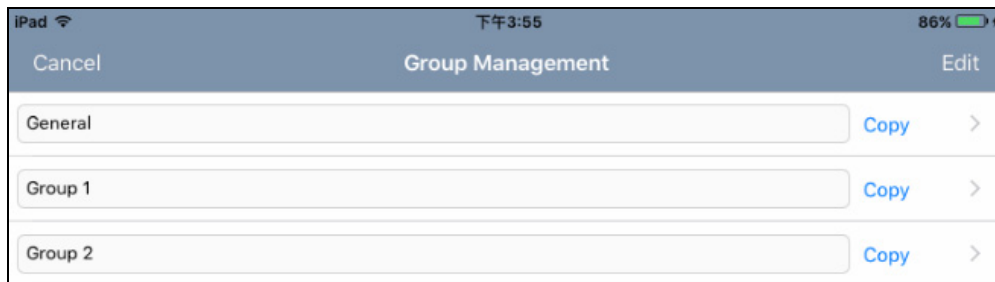
### 1.5.3 Group Management

Follow the steps below to create different groups for your GV-IP devices. You can create up to 8 groups.

1. In the Settings page (No. 6, 1.4 Main Page), click **Group Management**.



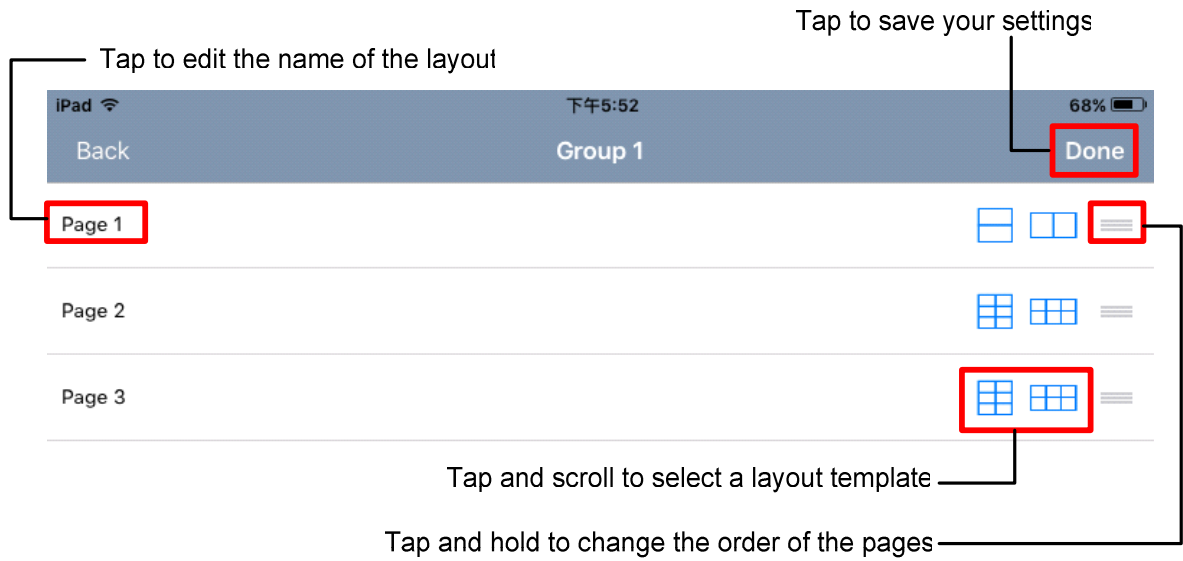
2. On the Group Management page, name the group, for example, Group 1, Group 2, and etc.



3. To edit the name of a group or to delete a group, click **Edit**.



- To choose layouts for each group, click the > sign. There are 6 pages in total with each displaying up to 16 channels of live view.



- Return to the main page and select a desired group for adding IP devices.

