



GV-IoT Mobile App

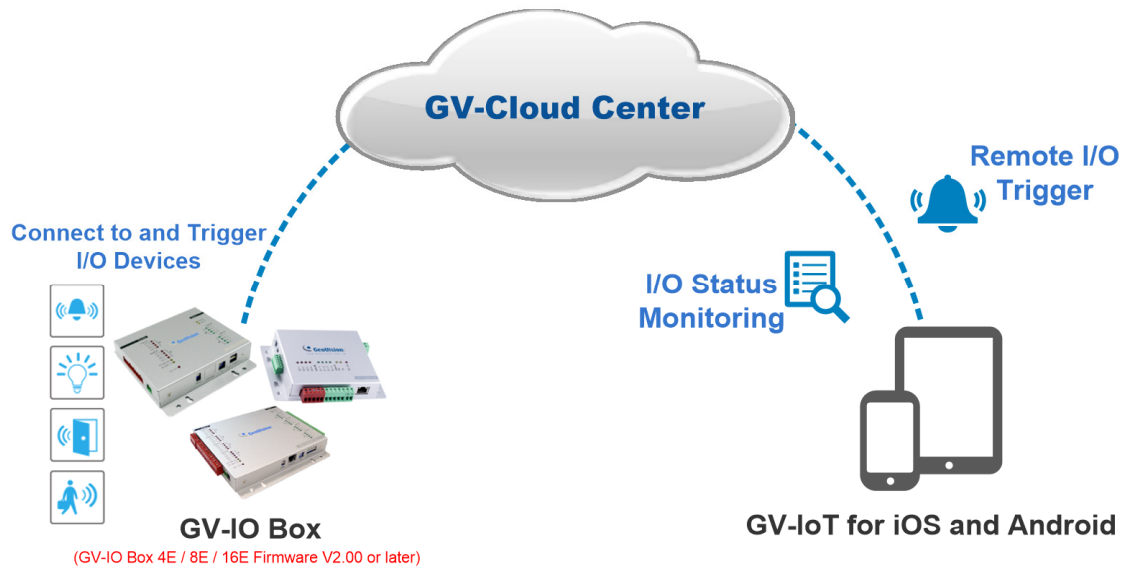
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1. Introduction

Supporting GV-I/O Box 4E and GV-I/O Box 8E/16E V2 (firmware V2.00 or later) only, GV-IoT mobile app can be used to define the input and output pins and trigger output devices remotely on Android or iOS mobile devices.



1.1 System Requirements

- iOS 10 or later
- Android 5.1 or later

1.2 Supported GV-I/O Boxes

GV-IoT is compatible with the following GV-I/O Boxes.

Note: To upgrade your GV-I/O Boxes to the latest firmware, please visit <http://www.geovision.com.tw/download/product/>. If you are having issues upgrading to V2.00, please contact your local GV vendor or our team at support@geovision.com.tw for further assistance.

- **GV-I/O Box 4E** (firmware V2.00 or later)
- **GV-I/O Box 8E V2** (firmware V2.00 or later)
- **GV-I/O Box 16E V2** (firmware V2.00 or later)



1.3 Setup Flowchart

To get started quickly with GV-IoT, follow the process illustrated below.

Set GV-I/O Box

Connect GV-I/O Box 4E / 8E V2 / 16E V2 to power and network

2.1 Installing on a Network



Pair with GV-IoT

Assign your GV-I/O Box to a GV-Cloud Center Account so GV-IoT can view and access the connected GV-I/O Box.

2.2 Registering for a GV-Cloud Center Account

2.3 Enabling the Cloud Service



Use GV-IoT

After logging into the newly installed GV-IoT, you can trigger outputs and manage the I/O pins from your mobile device.

3.3 Triggering Outputs

3.4 Defining the I/O pins



2. Connecting GV-I/O Box to GV-IoT

Before connecting to GV-IoT, you must set up your GV-I/O Box on the network and assign it to a GV-Cloud Center account.

2.1 Installing on a Network

To learn about installing your GV-I/O Box on a network, refer to the respective Installation Guide below for detailed instructions.:

- [GV-I/O Box 4E](#)
- [GV-I/O Box 8E V2](#)
- [GV-I/O Box 16E V2](#)

2.2 Registering for a GV-Cloud Center Account

1. To create a new account, visit [here](#) and type your E-mail address for the **Username**, a **Password** and a **Password Hint**.
2. Click **Create**. A confirmation link will be sent to your e-mail account.
3. Click the link in your E-mail to activate the GV-Cloud Center account.




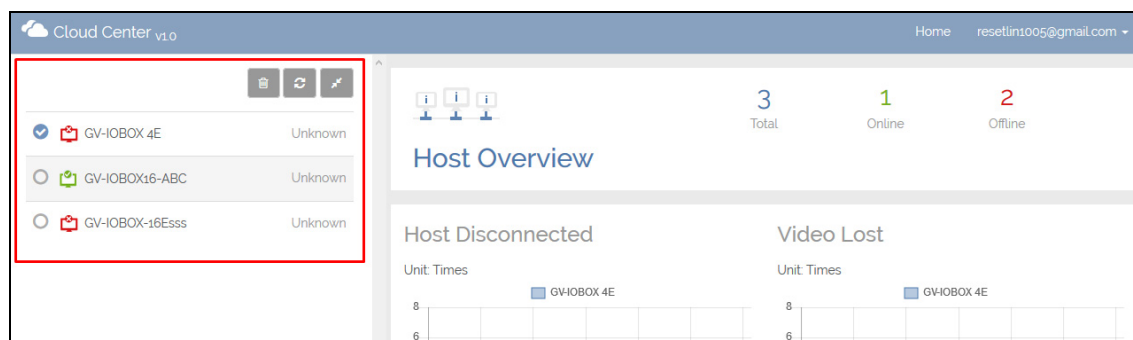
2.3 Enabling the Cloud Service

After you have registered for a GV-Cloud Center account, enable the Cloud Service to complete the whole setup process.

1. In the left menu of your GV-I/O Box's Web interface, click **Network Setting** to display the Network Configuration page.
2. On the Cloud Service section, click **Enable** and enter your GV-Cloud-Center **User Name** and **Password**.

The screenshot shows the 'Network Setting' page in the GeoVision web interface. The left sidebar contains a menu with 'Network Setting' selected. The main content area is divided into several sections: 'IP Address' (192.168.6.204), 'Subnet Mask' (255.255.248.0), 'Default Gateway' (192.168.0.1), and 'Domain Name Server' (8.8.8.8). Below these is the 'Domain Name Service' section with options for 'Disable', 'Send to LocalDDNS', and 'Send to DDNS'. The 'Send to DDNS' option is selected, and the 'GeoVision DDNS' dropdown is set to 'GeoVision DDNS'. The 'Host Name', 'User Name', and 'Password' fields are empty. At the bottom, the 'Cloud Service' section is highlighted with a red box. It shows 'Enable' selected, 'User Name' as 'resetlin1005@gmail.com', and 'Password' as '*****'. The 'Connection Status' is 'Connected'. 'Submit' and 'Cancel' buttons are at the bottom.

3. Click **Submit** to save the settings.
4. To check whether your GV-I/O Box has been successfully connected, log into your [GV-Cloud Center account](#) and see if the connection icon  appears besides your device name.






3. Using GV-IoT

When the necessary settings are configured for the GV-Cloud Center, download and install the **GV-IoT** mobile app from Apple App Store on iTunes or Android Play Store so you can manage I/O devices from anywhere.

3.1 Logging into GV-Cloud Center Account

After you have IoT installed on your mobile device, log into your GV-Cloud Center account to access the GV-I/O Box(es) assigned to the account.

1. Tap the **GV-IoT** icon  on the desktop of your mobile device.
2. Type your GV-Cloud Center login credentials in the **Account** and **Password** fields, and type **Login**. If you do not have a GV-Cloud Center, click **Sign Up an account** to create one.

GV-IoT

Account

USERNAME(E-Mail)

Password

PASSWORD

Login

Sign Up an account

GeoVision







3.2 Main Page

Once the login is successful, the **Main Page** appears.

The following instructions are illustrated using **iPhone**.



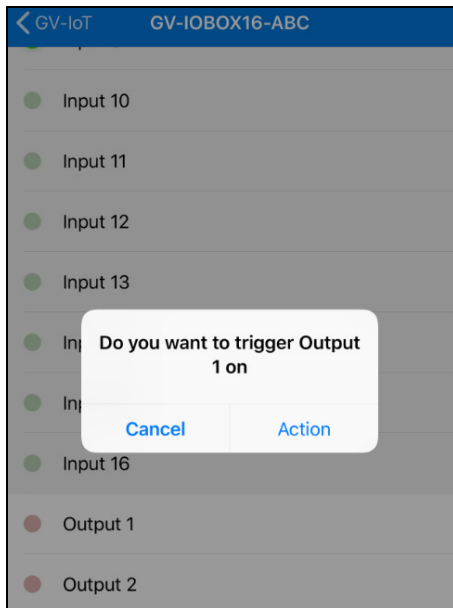
No.	Function
1.	Display the current installed version of GV-IoT
2.	Tap  to define the input / output of the selected GV-I/O Box. Tap  to return to the main page.
3.	 at the input pin indicates that the input is detected.  at the output pin indicates that the output has been triggered.
<p>Note: The gray-out area indicates a disconnected GV-IO Box, since there is no status when the IO box is disconnected.</p>	




3.3 Triggering Outputs

From the **Main Page**, you can trigger any output devices of the connected GV-I/O Box.



1. Tap a GV-I/O Box that has its connection status displayed.
2. To trigger an output device, tap the output pin of your choice and tap **Action** when the following message appears.



3. The triggered output will be indicated with a red dot  besides the output name. To stop the output from triggering, tap the output again and tap **Action**.



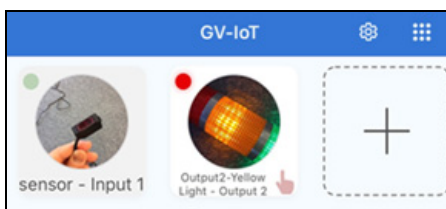
3.4 Defining the I/O pins

You can also create a customized page that aggregates input and output pins from different GV-I/O Boxes for I/O monitoring and trigger. To proceed, tap  and tap  to display GV-I/O Boxes assigned to this account.

1. Tap a **GV-I/O Box** and tap an **I/O pin** of your choices.
2. When the following screen appears, tap **Name** to edit the name of your selected I/O pin.



3. To add a photo associated with the I/O pin, tap **Edit Device Phot**. You can either take a photo or choose an existing image from the library.
4. Tap **Done** to save settings and the I/O pin will be added to the customized page.



5. If you want to trigger an output device, tap the relevant **output pin**.



Note:

1. Any name changes of the I/O pins from your mobile device will not be reflected on those of GV-I/O Boxes' Web interfaces.
 2. The customized I/O pins will disappear each time you log out of the IoT mobile app so you need to reset the customized page after you re-log in.
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Scan the following QR codes for product warranty and technical support policy:



[Warranty]



[Technical Support Policy]