GeoVision inc.
The Vision of Security

Quick Start Guide

GV-GPTZ4810

Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

GPTZ-QG-A

GeoVision inc.

December 2024

Scan the following QR codes for product warranty and technical support policy:

[Warranty]   **[Technical Support Policy]**
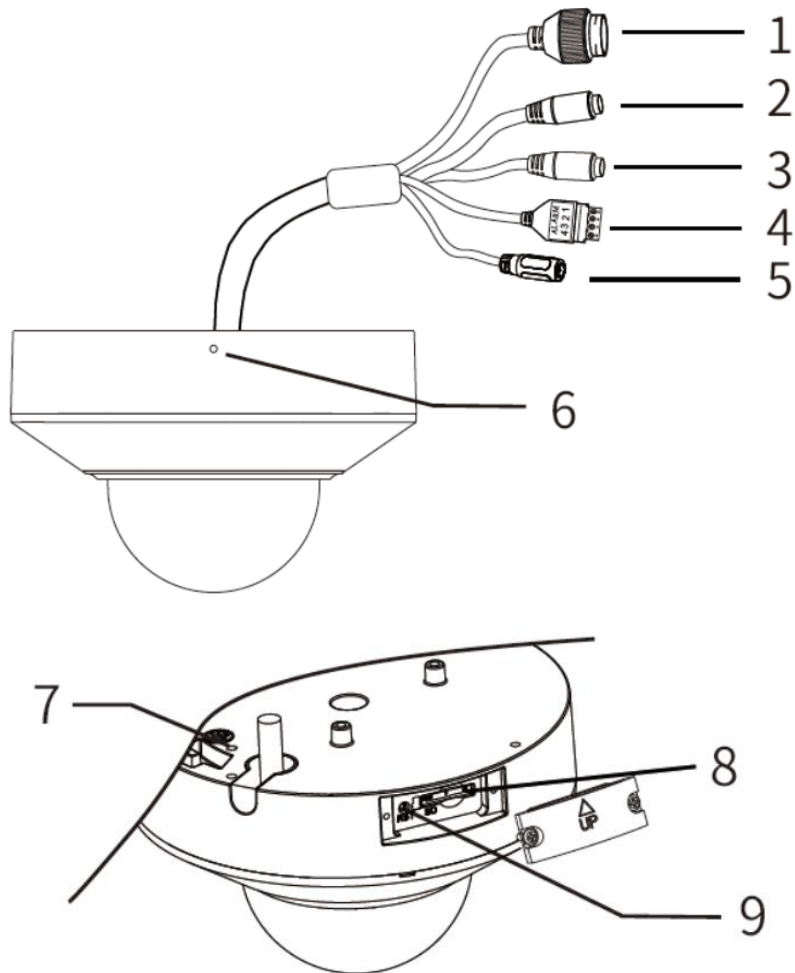
Warning and Caution

- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera yourself. (We shall not be responsible for any problems caused by unauthorized repair or maintenance.)
- Keep away from liquid while use.
- In the use of the product, you must be strict compliance with the electrical safety regulations of the nation and region. When the product is mounted on wall, the device shall be firmly fixed.
- Do not use camera beyond specified voltage range.
- Do not drop the camera or subject it to physical shock.
- Avoid touching the camera lens.
- If cleaning is necessary, please use clean cloth to wipe it gently.
- Do not aim the camera at the sun or extra bright place.
- Do not place the camera in extremely hot, cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- To avoid heat accumulation, good ventilation is required for operating environment.

Contents

1. Overview

1.1 Camera Overview

| 1	Ethernet connector (PoE)	6	Microphone
2	MIC-Audio input (3.5 mm)	7	Ground
3	HP-Audio output (3.5 mm)	8	Memory card slot
4	Alarm input / output	9	Reset
5	DC 12V power jack		

Note:

1. The product must be grounded to reduce the risk of electric shock.

2. Press and hold the reset button for more than 5 seconds to restore to the factory default setting.

1.2   Cable Connection

RJ 45

1--ALM-GND
2--ALM-IN
3--ALM-OPEN
4--ALM-COM

DC12V
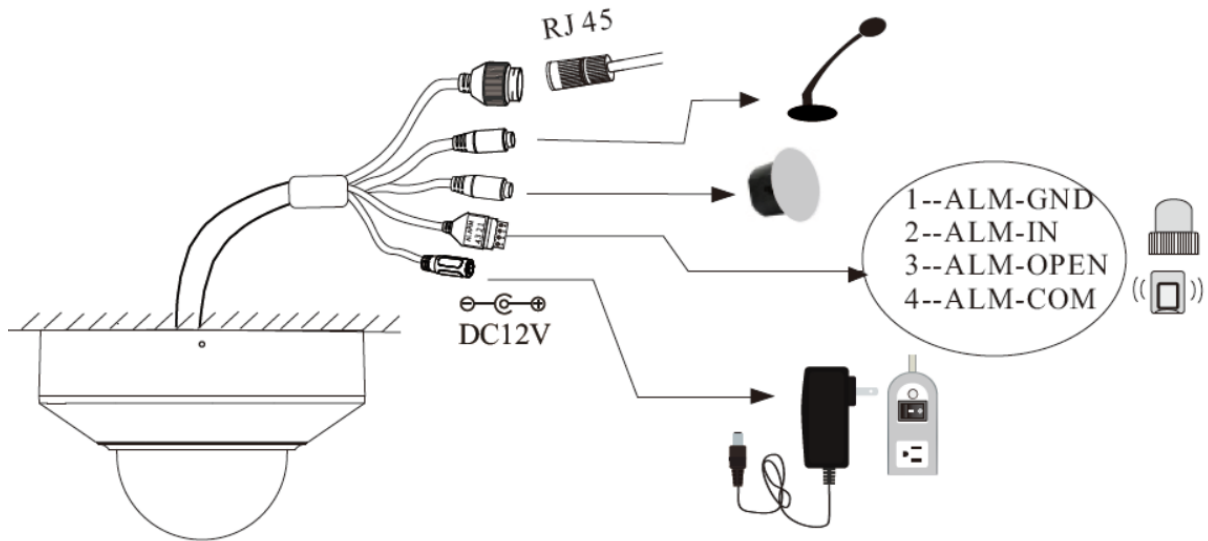
Connecting Network Cable
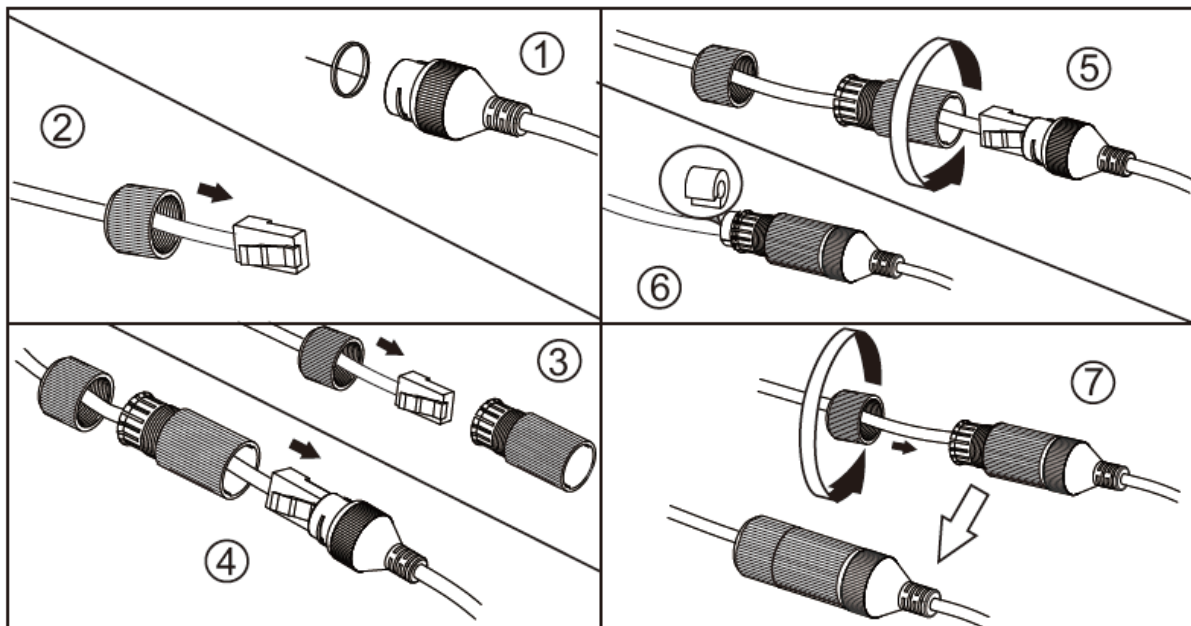
Note: If the RJ-45 connector of the network cable has a jacket and cannot be threaded through the kit, remove the jacket. If the jacket cannot be removed, cut off the connector and install an RJ 45 connector without the jacket.

Connecting Alarm Input / Output

The max. load of alarm output: DC 30V, 1A.
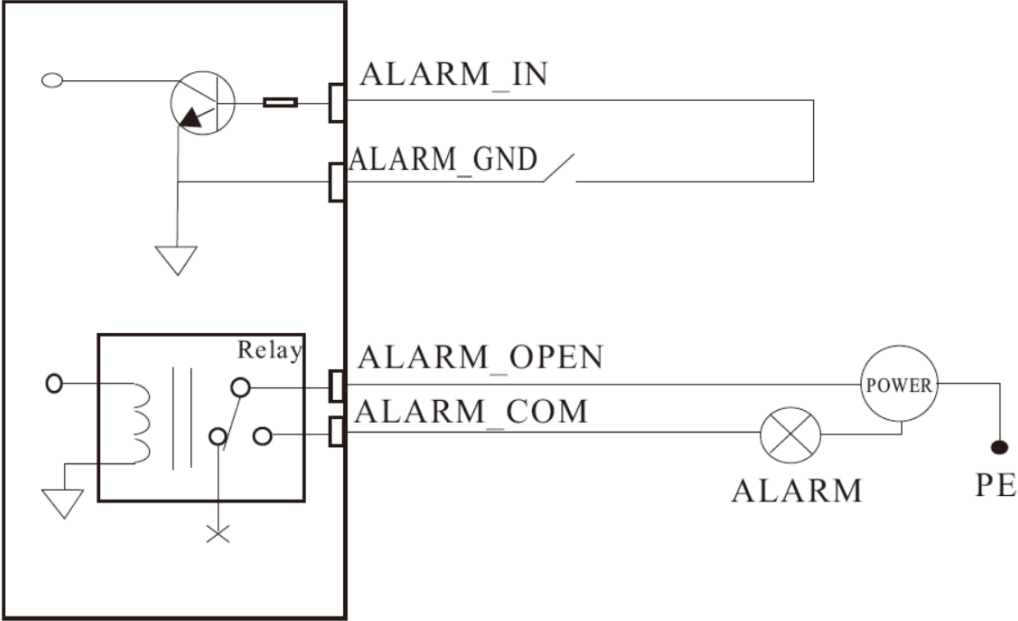
2. Installation

Make sure that the wall is strong enough to the weight of the camera and the camera is powered off during installation.

Note: The recommended installation height is 3 ~ 5 m for smart tracking.

Memory Card Installation

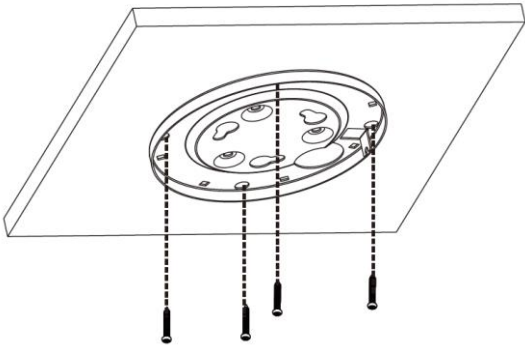1. Loosen the two screws of the cover and then remove the cover.
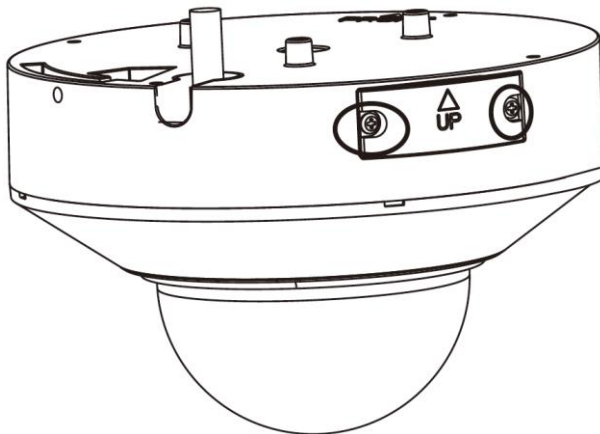
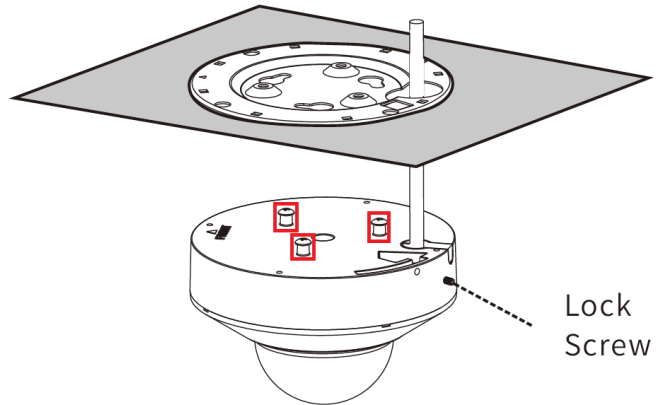
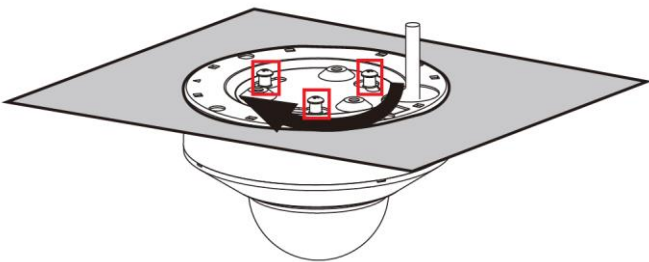2. Insert a micro SD card and then install the cover back.

Cover
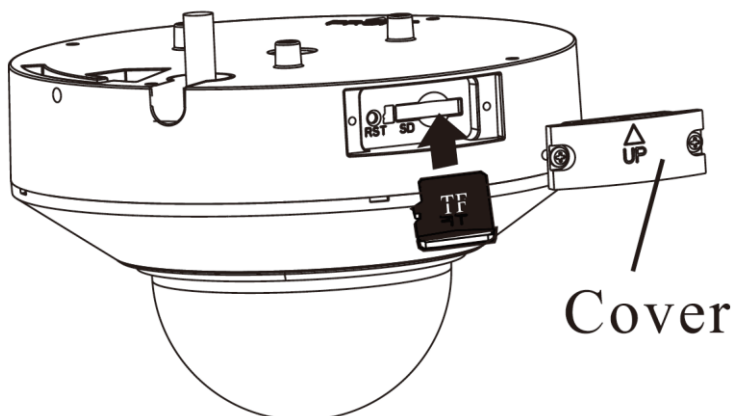
Ceiling Mounting

1. Use the four screws provided to install the adapter to the ceiling. 	2. Align the three screw holes of the adapter with the screws of the mounting base. Lock Screw
3. Put the three screws into the screw holes. After that, turn the camera clockwise to secure it. **Note:** Do not use an electric screwdriver to secure. Using an electric screwdriver may result in overtightening. The three M3 screws are designed to latch onto the adaptor without the need for fastening.	4. Adjust the camera position and then tighten the lock screw on the side. Note that the microphone should face the monitoring scene.

3. Accessing the Network Camera

3.1 Looking Up the Dynamic IP Address

By default, when the camera is connected to a LAN with a DHCP server, it is automatically allocated a dynamic IP address. Follow the steps below to look up its IP address, and then use that address to access its Web interface.
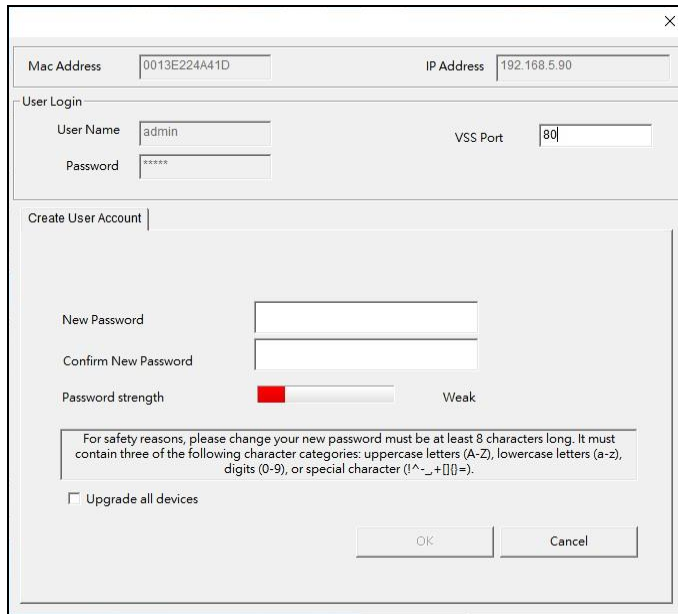
Note: By default, the Administrator's username is **admin** and cannot be modified.

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1. Make sure the PC used to configure the IP address is under the same LAN as the camera. Download and install **GV-IP Device Utility** from the company website.

2. On the GV-IP Utility window, click the 🔍 button to search for IP devices connected to the same LAN. To sort, click the **Name** or **Mac Address** column.

3. Find the camera with its Mac Address, and click on its IP address.
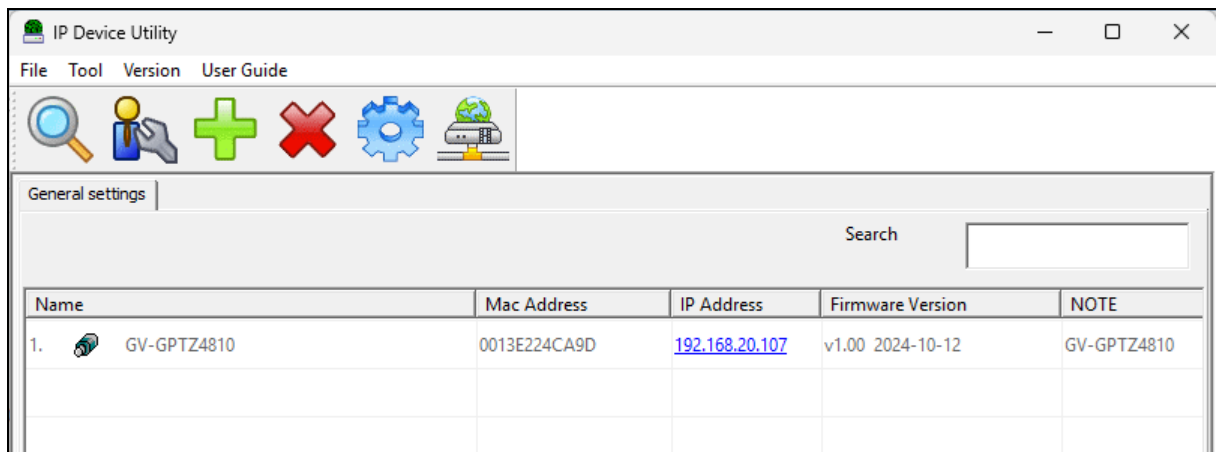
4. For first-time users, you are requested to create a password.

5. Type a new password and click **OK**.

6. Click on its IP address on the Utility window again and select **Web Page** to access its Web interface.

7. Type the set password on the login page and click **Login**.

Note: To change the password using GV-IP Device Utility, click on the camera's IP address, and select **Configure** > **Change Password**. Alternatively, you can change the password on the camera's Web interface by clicking **Config** > **Security** > **User**; see "Modify User" in *3.7.1 User Configuration* in the user's manual.

3.2 Configuring the IP Address

If the camera is connected to a LAN without a DHCP server, the default IP address will be **192.168.0.10**. To avoid IP conflict with other GV-IP devices on the same LAN, configure an IP address as described below.

1. Open your Web browser, and type the default IP address **192.168.0.10**.
2. Type the default username **admin** and a password. Click **Login**.
3. Go to **Config** > **Network** > **TCP/IP** to set the IP address.
4. Select **Use the following IP address** and enter the static IP address and other parameters.

5. Click **Save**. The camera can now be accessed with the configured IP address.

4. The Web Interface

Once you log in the Web interface, you will see the live view as shown below.

> **Note:** The main stream over 1080P, two-way audio, local recording, and the preview mode switch (real-time / balanced / fluent mode) are only supported in IE mode in Microsoft Edge.
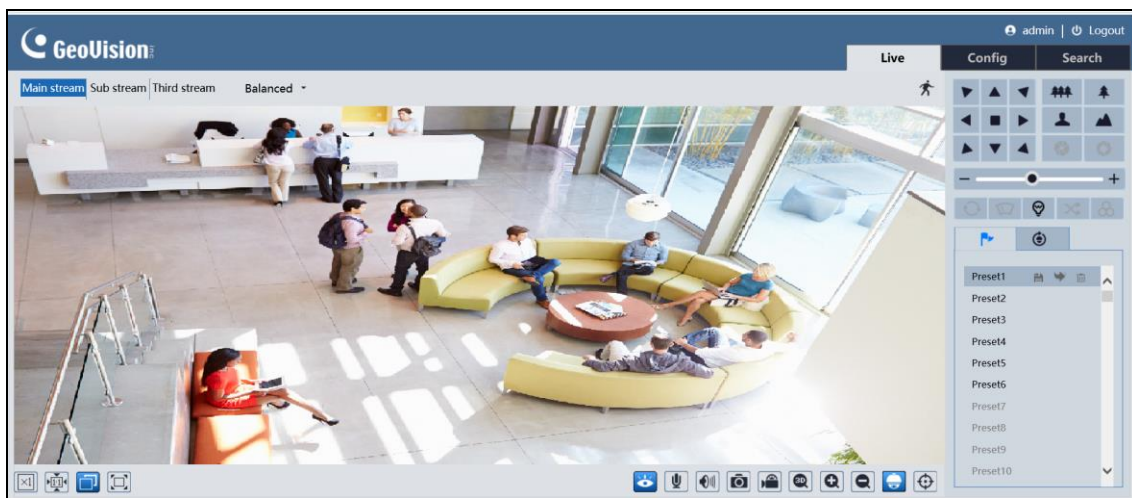
Icon	Description	Icon	Description
	Original size		Rule information display
	Fit correct scale		Color abnormal indicator
	Auto (fill the window)		Abnormal clarity indicator
	Full screen		Scene change indicator
	Start/stop live view		Line crossing indicator
	Start/stop two-way audio		Sensor alarm indicator
	Enable/disable audio		Intrusion indicator
	Snapshot		Motion alarm indicator
	Start/stop local recording		Region entrance indicator
	Zoom in		Region exiting indicator
	Zoom out		SD card recording indicator

Icon	Description	Icon	Description
🛑	PTZ control		
3D	Move the cursor to view the live image in all direction after you click this button. Additionally, hold and drag the left mouse button to zoom in the live image.		

Click 🛑 to show PTZ control panel. In the live view interface, you can view the image from every direction by controlling PTZ panel. The descriptions of the control panel are as follows:

Icon	Description	Icon	Description
▼	Move upper left direction	◄	Move upper right direction
▲	Move up	■	Stop movement
◄	Move left	►	Move right
►	Move lower left direction	◄	Move lower right direction
▼	Move upper left direction	– ● +	Speed adjustment
♣♣♣	Zoom out	♣	Zoom in
▲	Focus -	👤	Focus +
✹	Iris -	◑	Iris +
↻	Not functional	▽	Not functional
💡	Light	✗	Not functional
⅋	Not functional	⚑	Preset
◉	Cruise	≈	Trace

Select preset and click ➡ to call the preset. Select and set the preset and then click 💾 to save the position of the preset. Select the set preset and click 🗑 to delete it. Select cruise and click ▶ to start cruise.
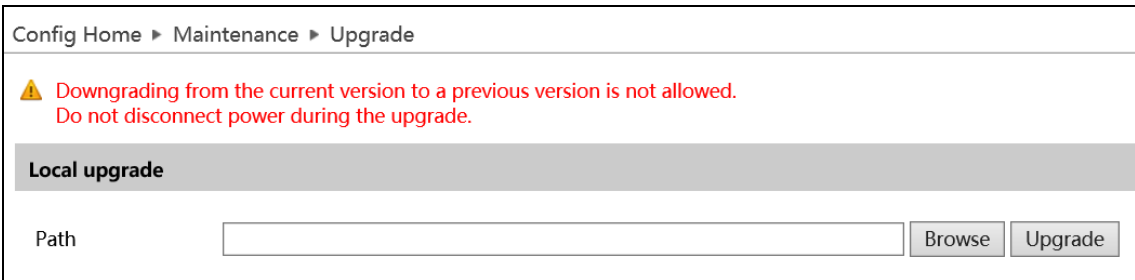
For detailed information, see *2. Live View* in the user's manual.

5. Upgrading System Firmware

GeoVision periodically releases updated firmware on the company website. To load the new firmware into the camera, follow the instructions below.

Using Camera's Web Interface
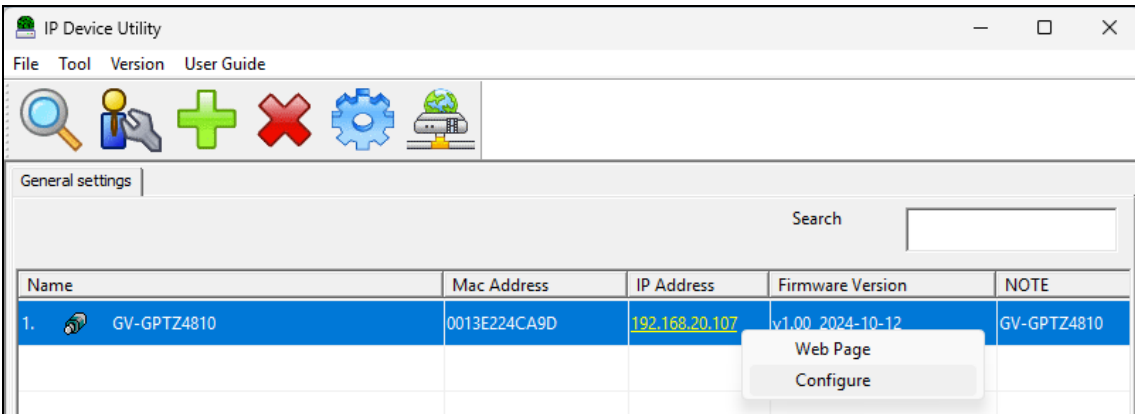
1. On the Web interface, click **Config** > **Maintenance** > **Upgrade.**

2. Click **Browse** to locate the firmware file saved at your local computer.

3. Click **Upgrade** to start upgrading the firmware.

4. After upgrading, the camera will restart automatically.

Using GV-IP Device Utility

1. On the GV-IP Utility window, find the camera with its Mac Address, click on its IP address, and select **Configure**. The login credentials are requested.

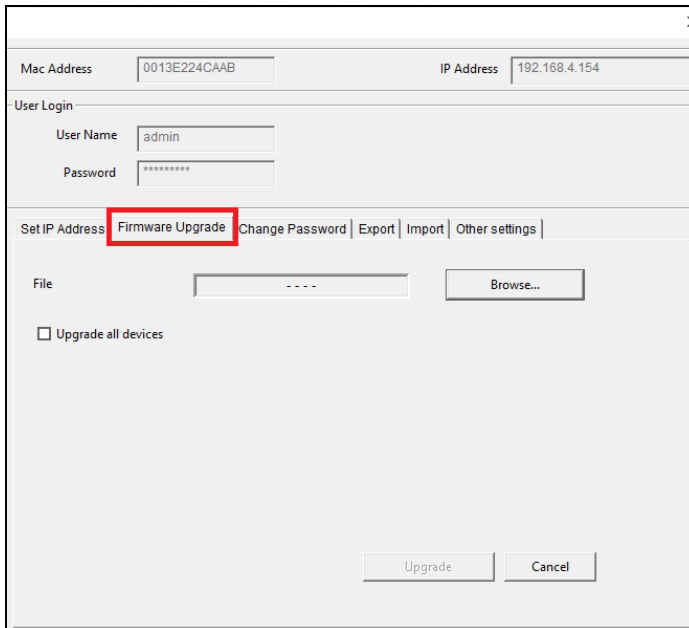2. Click the **Firmware Upgrade** tab, click the **Browse** button to locate the firmware file saved at your local computer.

3. Click the **Upgrade** button to start upgrading the firmware.

4. After upgrading, the camera will restart automatically.
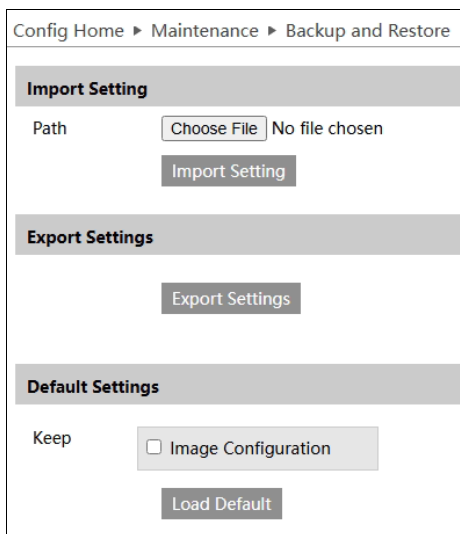
6. Restoring to Factory Default

If for any reason the camera is not responding correctly, you can restore the camera back to its factory default settings using the Web interface or the Reset Button.

On the Camera

1. Find the **Reset** button on the camera (see *1.1 Overview* in the Quick Start Guide).

2. Press and hold the button for more than 3 seconds to restore to factory default settings.

On the Web Interface

1. On the Web interface, click **Config** >**Maintenance** > **Backup and Restore**.

2. Click the **Load Default** button to restore all system settings to factory default. Optionally, you can select and remain Image settings.

Config Home ▶ Maintenance ▶ Backup and Restore

Import Setting

Path   Choose File   No file chosen
          Import Setting

Export Settings

          Export Settings

Default Settings

Keep   ☐ Image Configuration
          Load Default