

# Quick Start Guide

***GV-PFER12800***



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

MFE-QG-A



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GeoVision, Inc.  
9F, No. 246, Sec. 1, Neihu Rd.,  
Neihu District, Taipei, Taiwan  
Tel: +886-2-8797-8377  
Fax: +886-2-8797-8335  
<http://www.geovision.com.tw>

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



[Warranty]

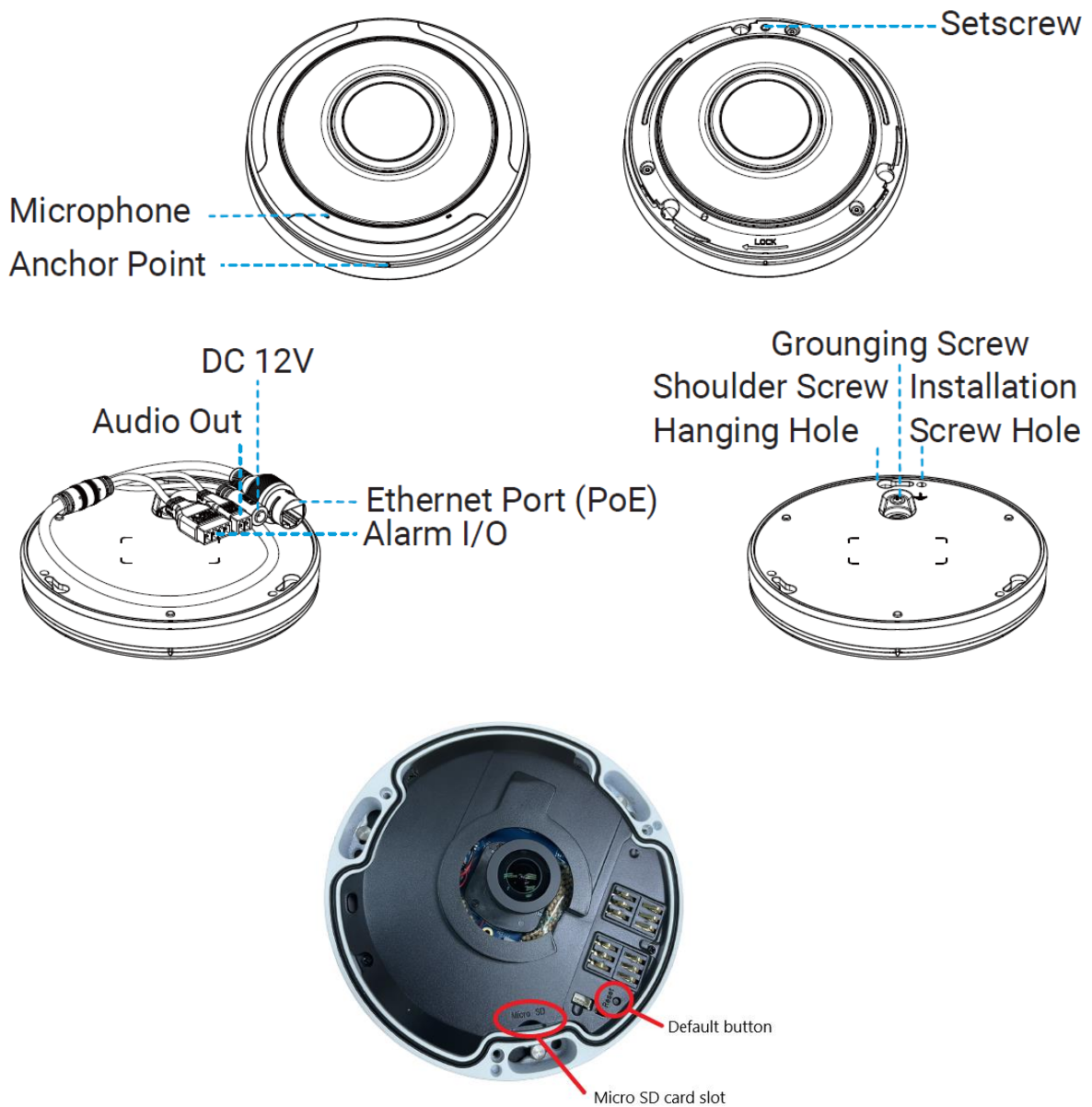


[Technical Support Policy]

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# 1. Overview



**Note:**

1. The camera can be powered by DC 12V / PoE power supply. If the PoE switch is used to power the camera, DC 12V power supply is not required.
2. To load default settings, press and hold the default button for 10 seconds.


## 2. Optional Installation

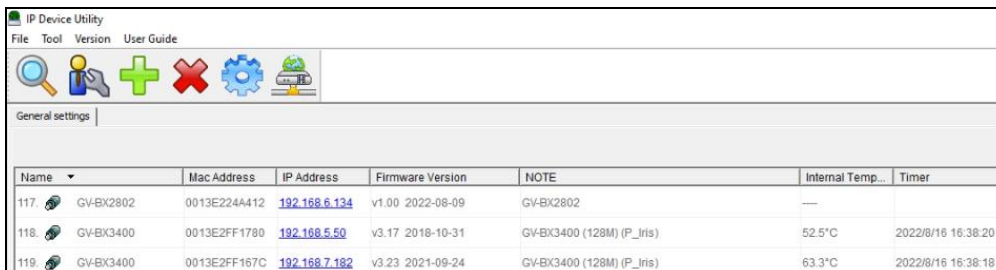
### 2.1 Looking Up the Dynamic IP Address

By default, when the camera is connected to a LAN with the DHCP server, it is automatically assigned with a dynamic IP address. Follow the steps below to look up its IP address.

#### Note:

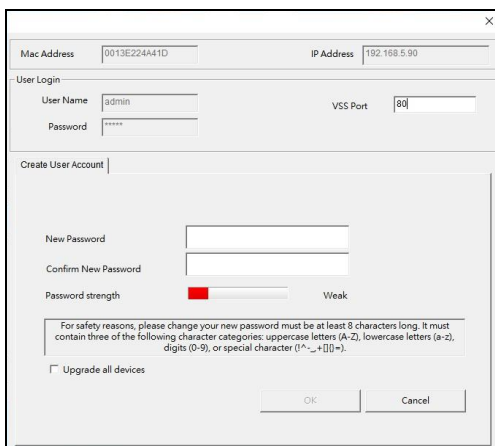
1. By default, the Administrator's username is **admin** and cannot be modified.
2. This function is only applicable on GV-IP Device Utility V8.9.9 or later.

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 the IP devices connected in the same LAN. Click the **Name** or **Mac Address** column to sort.
3. Find the camera with its Mac Address, and click on its IP address.



| Name | Mac Address            | IP Address                    | Firmware Version | NOTE                      | Internal Temp... | Timer              |
|------|------------------------|-------------------------------|------------------|---------------------------|------------------|--------------------|
| 117  | GV-BX2802 0013E224A412 | <a href="#">192.168.6.134</a> | v1.00 2022-08-09 | GV-BX2802                 | ---              |                    |
| 118  | GV-BX3400 0013E2FF1780 | <a href="#">192.168.5.50</a>  | v3.17 2018-10-31 | GV-BX3400 (128M) (P_Iris) | 52.5°C           | 2022/8/16 16:38:20 |
| 119  | GV-BX3400 0013E2FF167C | <a href="#">192.168.7.182</a> | v3.23 2021-09-24 | GV-BX3400 (128M) (P_Iris) | 63.3°C           | 2022/8/16 16:38:18 |

4. For the first-time users, you are requested to set up a password.



Mac Address: 0013E224A41D IP Address: 192.168.5.90

User Login

User Name: admin VSS Port: 80

Password: \*\*\*\*\*

Create User Account

New Password:

Confirm New Password:

Password strength: ■ Weak

For safety reasons, please change your new password must be at least 8 characters long. It must contain three of the following character categories: uppercase letters (A-Z), lowercase letters (a-z), digits (0-9), or special character (!^\_+[]()-).

Upgrade all devices

OK Cancel

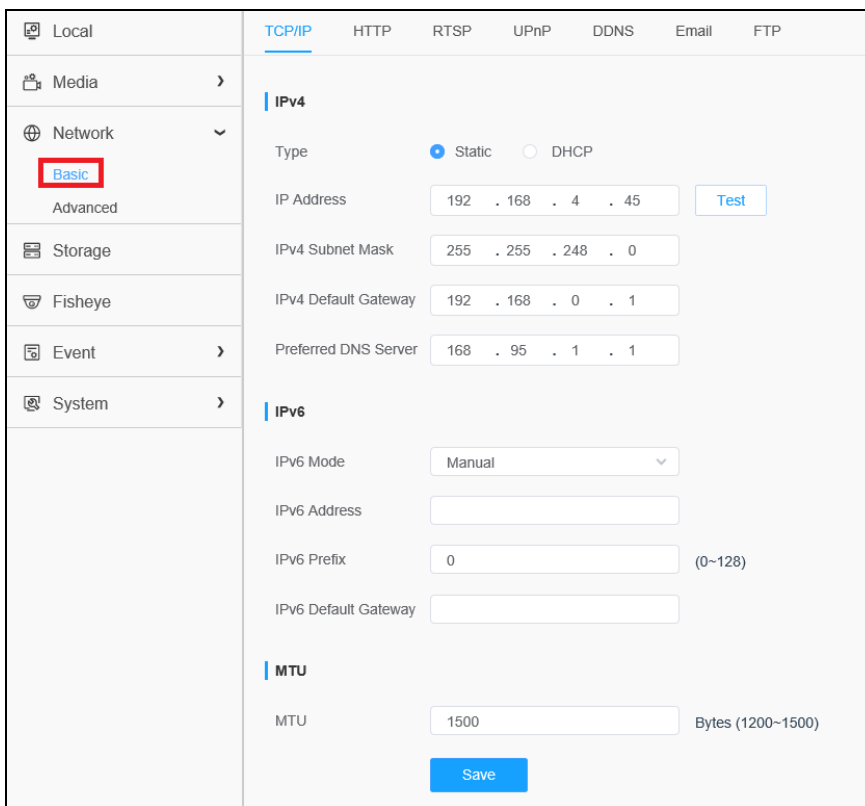
5. Type a new password and click **OK**.

6. Click on its IP address again and select **Webpage** to open its Web interface.
7. Type the set password on the login page and click **Login**.

## 2.2 Configuring the IP Address

If the camera is connected to a LAN without the DHCP server, the default IP address will be **192.168.0.10**. Follow the steps below to modify the IP address to avoid IP conflict with other GV-IP devices on the same LAN.

1. Open your Web browser, and type the default IP address **192.168.0.10**.
2. Type the default username **admin** and your password. Click **Login**.
3. Select **Static IP** next to **Type**.



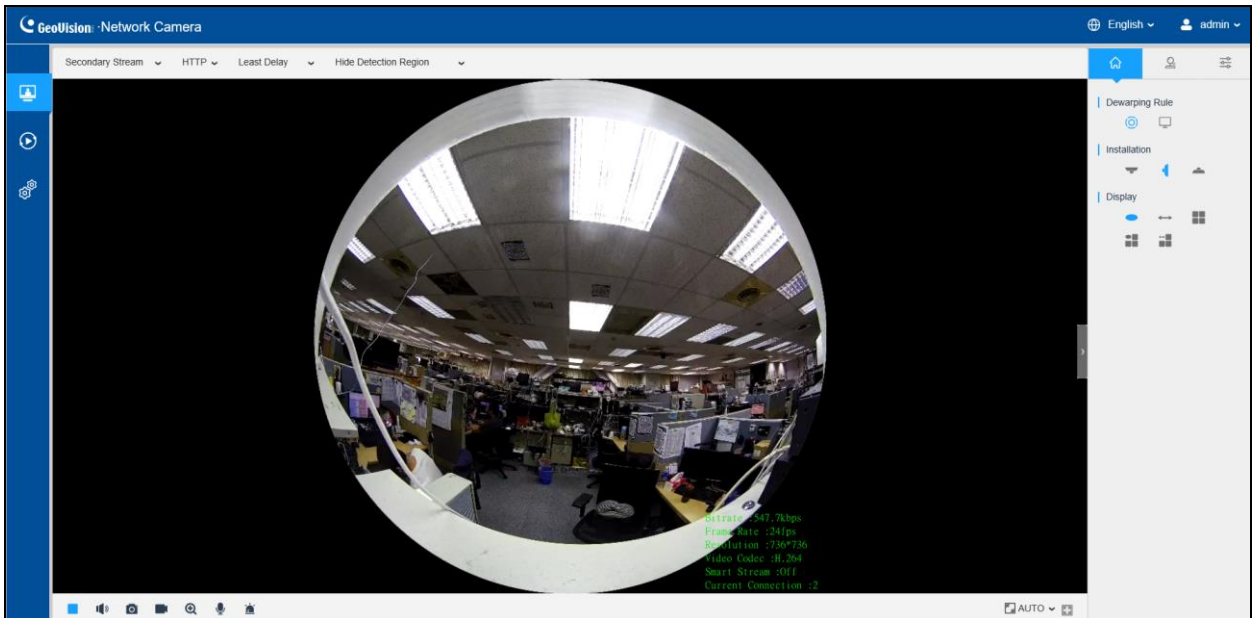
The screenshot shows the network configuration page with the following details:






- Menu:** Local, Media, Network (Basic selected), Storage, Fisheye, Event, System.
- Tabs:** TCP/IP, HTTP, RTSP, UPnP, DDNS, Email, FTP.
- IPv4 Section:**
  - Type:  Static,  DHCP
  - IP Address: 192 . 168 . 4 . 45 (with a Test button)
  - IPv4 Subnet Mask: 255 . 255 . 248 . 0
  - IPv4 Default Gateway: 192 . 168 . 0 . 1
  - Preferred DNS Server: 168 . 95 . 1 . 1
- IPv6 Section:**
  - IPv6 Mode: Manual
  - IPv6 Address: (empty)
  - IPv6 Prefix: 0 (0~128)
  - IPv6 Default Gateway: (empty)
- MTU Section:**
  - MTU: 1500 Bytes (1200~1500)
- Buttons:** Test, Save

4. Enter the IP address, subnet mask, and default gateway address. Make sure that the IP address of the camera is unique in the network.
5. Click **Save**.










### 3. The Web Interface



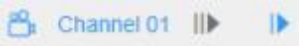


Once you log in the Web interface, you will see the live view as shown below.



| Item                  | Parameter   | Description                                 |
|-----------------------|---|---|
| <b>Dewarping Rule</b> | <br>Hardware Dewarping | Click to select on-board dewarping mode.    |
|                       | <br>Software Dewarping | Click to select client-side dewarping mode. |
| <b>Installation</b>   | <br>Ceiling Mounting   | Click to select ceiling mounting.           |
|                       | <br>Wall Mounting      | Click to select wall mounting.              |
|                       | <br>Flat Mounting      | Click to select flat mounting.              |



|                |   |  |
|----------------|---|--|
| <b>Display</b> | <br><b>1O</b>  | Select live view of original fisheye view.   |
|                | <br><b>1P</b>  | Select live view of 360° panoramic view.   |
|                | <br><b>2P</b>  | Select live view of two 180° panoramic views.  |
|                | <br><b>4R</b>  | Select live view of four regional views.   |
|                | <br><b>1O3R</b>  | Select live view of one original fisheye view and three regional views.                          |
|                | <br><b>1P3R</b><br>(Only for Hardware Dewarping)                        | Select live view of one 360° panoramic view and three regional views.                            |
|                | <br><b>1P3R</b><br>(Only for Multi-Channel Mode of Hardware Dewarping) | Select live view of one original fisheye view, one 360° panoramic view and three regional views. |
|                | <br><b>1P1R</b><br>(Only for Software Dewarping)                       | Select live view of one 360° panoramic view and one regional view.                               |
|                | <br><b>1P4R</b><br>(Only for Software Dewarping)                       | Select live view of one 360° panoramic view and four regional views.                             |

|                |   |   |
|----------------|---|---|
| <b>Display</b> | <br>1P6R<br>(Only for Software Dewarping)          | Select live view of one 360° panoramic view and six regional views.     |
|                | <br>1O8R<br>(Only for Software Dewarping)          | Select live view of one original fisheye view and eight regional views. |
| <b>Channel</b> | <br>(Only for Multi-Channel Mode)                  | Click to play this channel on any window of live view.                  |
| <b>Window</b>  | <br>Window Layout<br>(Only for Multi-Channel Mode) | Click to set window layout to “1*1”/ “2*2”/ “1+4”.                      |
|                | <br>Window Size                                  | Click to display images at a window size.                               |

**Note:**

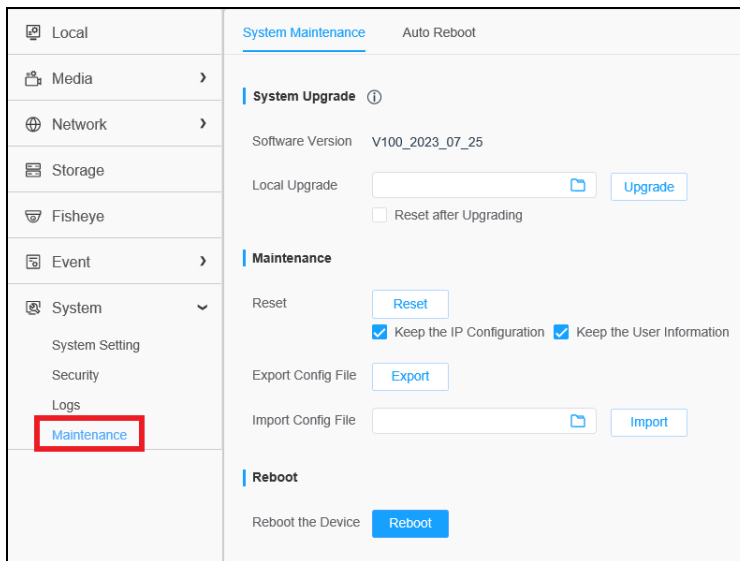
- Original fisheye view: The whole wide-angle view of the fisheye camera is displayed.
- Panoramic view: The round fisheye image is transformed to rectangular image by certain calibration methods.
- Regional view: The close-up view of defined area in the original fisheye view or panoramic view.
- Select the Installation, Display mode and the most appropriate Window Layout in sequence.


For detailed information, see the user’s manual.

## 4. Upgrading System Firmware

GeoVision periodically releases updated firmware on the company [website](#). To load the new firmware into the camera, follow the instructions below.

1. At the top, select **System > Maintenance > System Maintenance**. This page appears.



2. Click the  button under **System Upgrade** to locate the firmware file saved at your local computer.
3. Click **Upgrade** to process the upgrade.

## 5. 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 Load Default Button.

### On the Camera

1. Find the **Default Button** on the camera (see *1. Overview* in the Quick Start Guide).
2. Press and hold the button for more than 10 seconds to restore to the factory default setting.

### On the Web Interface

1. On the Web interface, click **Settings**.
2. In the left menu, select **System** and select **Maintenance**.
3. At the top, select **System Maintenance**.
4. Under the section, click **Reset**.

