

Quick Start Guide

GV-BX2802, BX4802



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

TVTBX-QG-A



© 2026 GeoVision, Inc. All rights reserved.

Under the copyright laws, this manual may not be copied, in whole or in part, without the written consent of GeoVision.

Every effort has been made to ensure that the information in this manual is accurate. GeoVision, Inc. makes no expressed or implied warranty of any kind and assumes no responsibility for errors or omissions. No liability is assumed for incidental or consequential damages arising from the use of the information or products contained herein. Features and specifications are subject to change without notice.

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>

Trademarks used in this manual: *GeoVision*, the *GeoVision* logo and *GV* series products are trademarks of GeoVision, Inc. *Windows* is the registered trademark of Microsoft Corporation.

June 2026

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



[Warranty]



[Technical Support Policy]

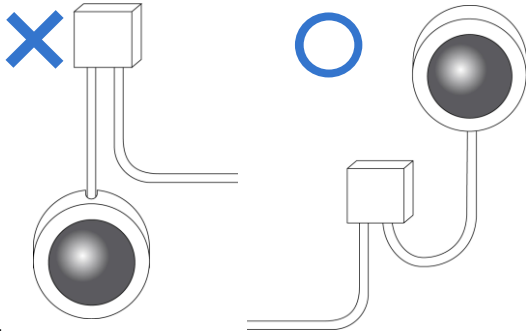
Warning and Caution

- 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 in 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.

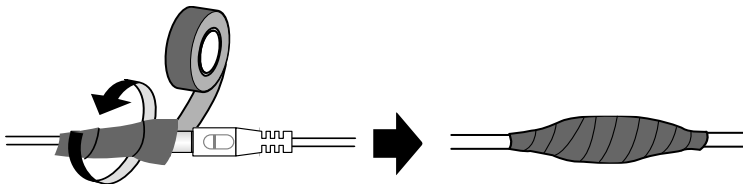
Note for Installing Camera Outdoors

When installing the camera outdoors, ensure that:

1. The camera is positioned higher than the junction box to prevent water from running along the cables and entering the housing.



2. Any PoE, power, audio, and I/O cables are waterproofed using waterproof silicone rubber tape or a similar material.

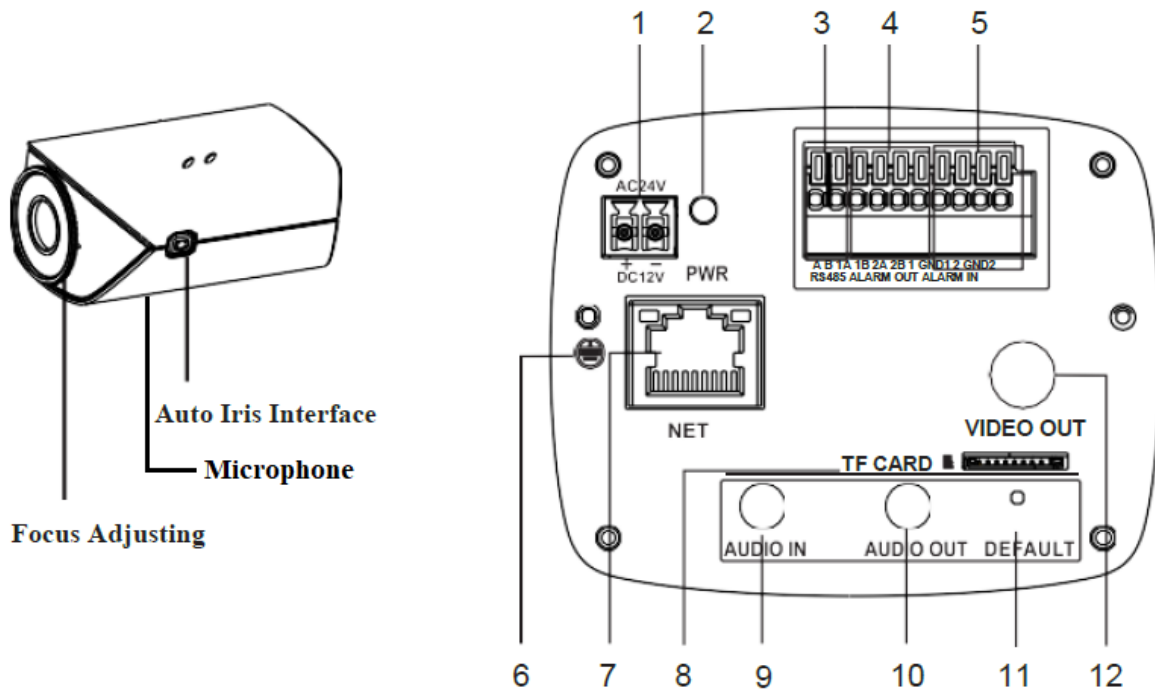


3. The screws are securely tightened and the cover is properly reinstated whenever the camera housing has been opened.

Contents

Warning and Caution	i
Note for Installing Camera Outdoors	ii
1. Overview	1
2. Installation	3
3. Accessing the Network Camera	4
3.1 Looking Up the Dynamic IP Address	4
3.2 Configuring the IP Address	6
4. The Web Interface	7
5. Upgrading System Firmware	8
6. Restoring to Factory Default.....	9

1. Overview

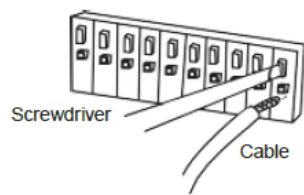


1	Power port (DC 12V / AC 24V)	7	Ethernet connector (PoE)
2	Power indicator	8	Micro SD card slot
3	RS-485; connectors for PTZ	9	Audio input
4	Alarm output	10	Audio output
5	Alarm input	11	Default button
6	Ground	12	Video output

Note:

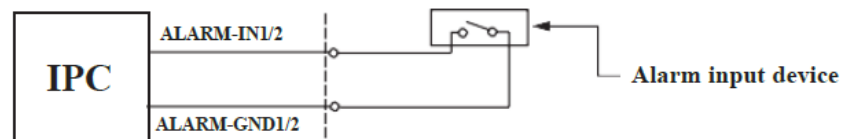
1. The camera can be powered by DC 12V / PoE power supply. If the PoE switch is used to power the camera, DC 12V power supply is not required.
2. To load default settings, press and hold the default button for 10 seconds.

RS 485/ Alarm input/Output Cable Connection

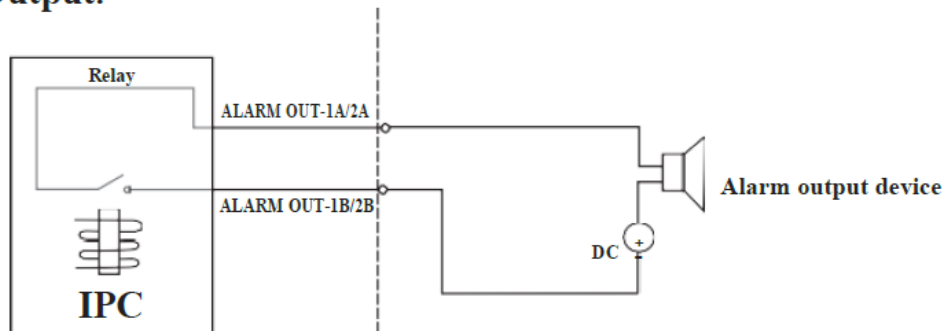


Use the small slotted screwdriver to press the corresponding button. Then insert the cable into the cable groove. After that, release the screwdriver.

Alarm Input:



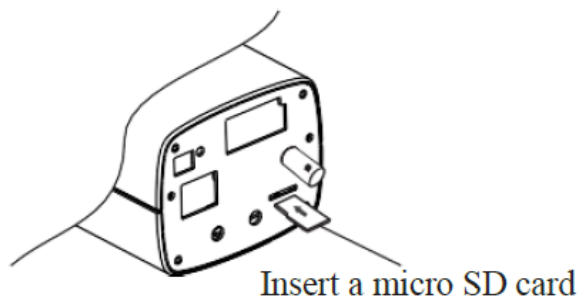
Alarm Output:



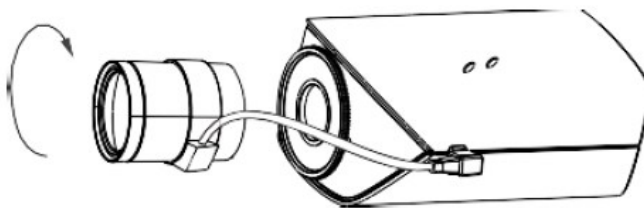
2. Installation

Please make sure that the wall or ceiling is strong enough to withstand 3 times the weight of the camera. Install the camera under dry environment. Here we take wall mounting for example.

1. Insert a micro SD card into the card slot.



2. Remove the protection cover of the lens interface and install the lens (not supplied) to the camera. Rotate the lens clockwise until it is fixed firmly. Plug the cable of auto iris to the auto iris interface of the camera.



Note: It is not required to plug the power cable of the auto iris to the auto iris interface if a manual iris lens is used.

3. Accessing the Network Camera

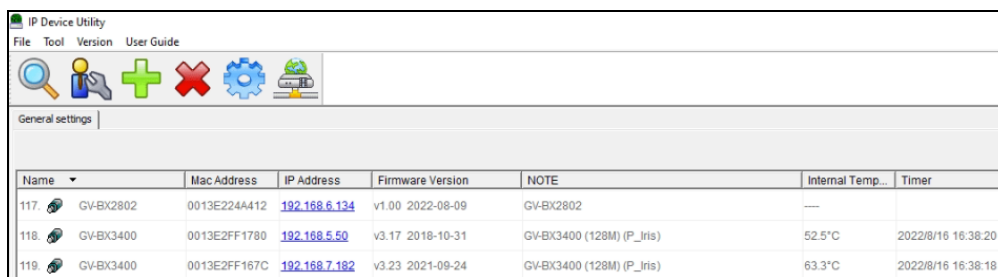
3.1 Looking Up the Dynamic IP Address

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:

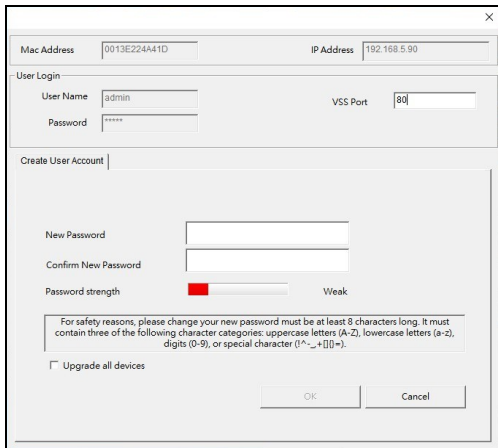
1. By default, the Administrator's username is **admin** and cannot be modified.
2. This function is only applicable on GV-IP Device Utility V8.9.8 or later.

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	192.168.6.134	v1.00 2022-08-09	GV-BX2802	—	
118. GV-BX3400	0013E2FF1780	192.168.5.50	v3.17 2018-10-31	GV-BX3400 (128M) (P_Iris)	52.5°C	2022/8/16 16:38:20
119. GV-BX3400	0013E2FF167C	192.168.7.182	v3.23 2021-09-24	GV-BX3400 (128M) (P_Iris)	63.3°C	2022/8/16 16:38:18

4. For first-time users, you are requested to create a password.



The screenshot shows a configuration window for a GeoVision device. At the top, there are fields for 'Mac Address' (0013E224A41D) and 'IP Address' (192.168.5.90). Below these is a 'User Login' section with 'User Name' (admin) and 'VSS Port' (80). The 'Create User Account' tab is active, showing 'New Password' and 'Confirm New Password' fields. A 'Password strength' indicator shows a red bar and the word 'Weak'. A note below the fields states: '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 (!^_+[]~=-).'. There is a checkbox for 'Upgrade all devices' and 'OK' and 'Cancel' buttons at the bottom.

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**.

Note: To change the password using GV-IP Device Utility, click on the camera's IP address, and select **Configure > Change Password**. Or you can optionally change the password on the camera's Web interface by clicking **Config → Security → User** ; see "Modify User" in *4.7.1 Security Configuration* in the user's manual.

3.2 Configuring the IP Address

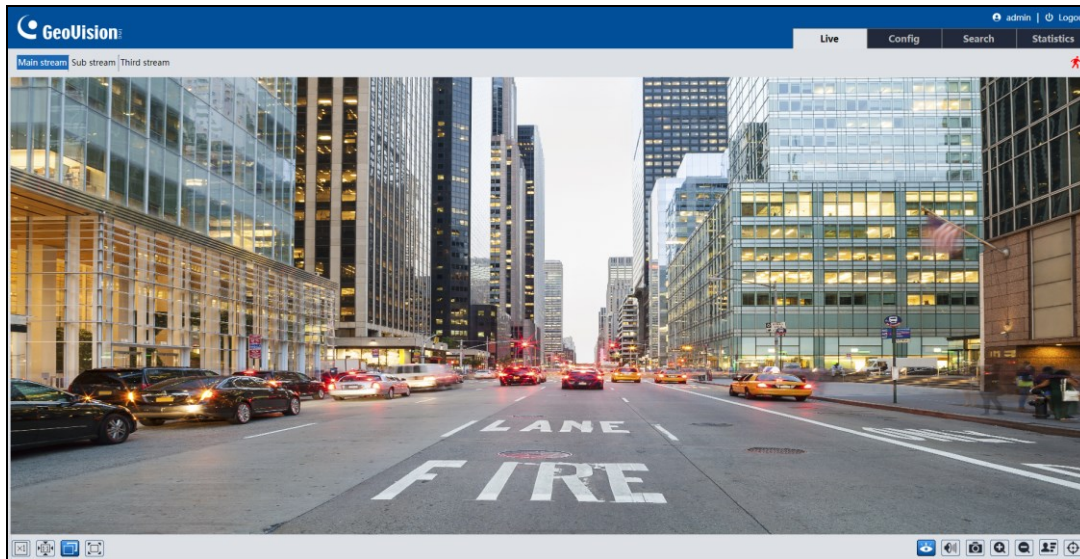
If the camera is connected to a LAN without the DHCP server, the default IP address will be **192.168.0.10**. Follow the steps below to modify the IP address to avoid IP conflict with other GV-IP devices on the same LAN.

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

IPv4	IPv6	PPPoE Config	IP Change Notification Config
☐ Obtain an IP address automatically			
☒ Use the following IP address			
IP Address	192.168.226.201		Test
Subnet Mask	255.255.255.0		
Gateway	192.168.226.1		
Preferred DNS Server	210.21.196.6		
Alternate DNS Server	8.8.8.8		

4. The Web Interface

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



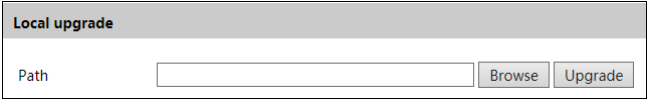
Icon	Description	Icon	Description
	Original size		Sensor alarm indicator
	Fit correct scale		Motion alarm indicator
	Adapt		Color abnormal indicator
	Full screen		Abnormal clarity indicator
	Start/stop live view		Scene change indicator
	Start/stop two-way audio		Line Crossing indicator
	Enable/disable audio		Region Intrusion indicator
	Snapshot		Region Entrance indicator
	Start/stop local recording		Region Exiting indicator
	Zoom in		Face detection indicator
	Zoom out		Target Counting by Line indicator
	PTZ control		Target Counting by Area indicator
	Face Detection		Object detection indicator (object Abandoned/Missing)
	Rule information display		Heat map indicator
	SD card recording indicator		

For detailed information, see 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.

1. On the Web interface, click **Config > Maintenance > Upgrade**.



The screenshot shows a web interface titled "Local upgrade". It contains a text input field labeled "Path" with a placeholder box. To the right of the input field are two buttons: "Browse" and "Upgrade".

2. 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.

Note: Do not close the browser or disconnect the camera from the network during the upgrade.

6. Restoring to Factory Default

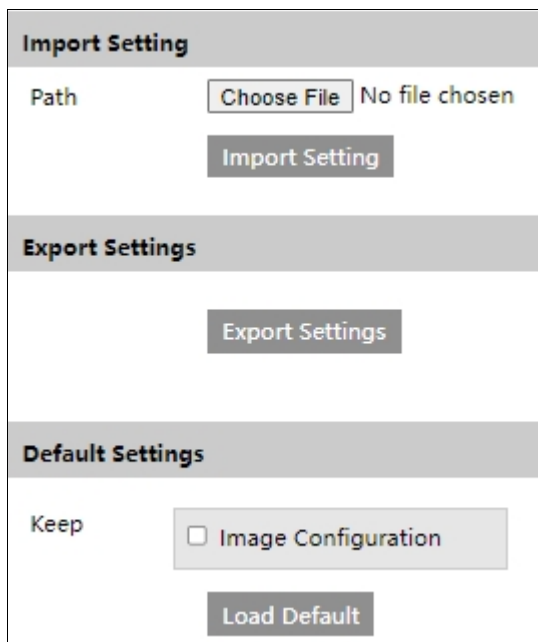
If for any reason the camera is not responding correctly, you can restore the camera back to its factory default settings using the Web interface or the Load Default Button.

On the Camera

1. Find the **Load Default** button on the camera (see No. 11, *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 **Config > Maintenance > Backup & Restore**.
2. Click the **Load Default** button to restore all system settings to factory default, except the image settings (see *4.2 Image Configuration* in the *User's Manual* for details) you want to keep.



The screenshot shows a web interface with three main sections: 'Import Setting', 'Export Settings', and 'Default Settings'. The 'Import Setting' section includes a 'Path' label, a 'Choose File' button, and the text 'No file chosen'. Below this is an 'Import Setting' button. The 'Export Settings' section contains an 'Export Settings' button. The 'Default Settings' section features a 'Keep' label, a checkbox labeled 'Image Configuration' (which is currently unchecked), and a 'Load Default' button at the bottom.