

Quick Start Guide

GV-GNVR Bundle Kit



Available Kits

- GV-GNVRC0810-P + 4 MP GV-Eyeball Dome IP Cameras x 6
- GV-GNVRC1620-P + 4 MP GV-Eyeball Dome IP Cameras x 12

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

GNVR-BK-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. Video Tutorial and Document Download

1.1 Unboxing and Configuration Video Tutorial

To see the unboxing and configuration tutorial videos for the GV-GNVR bundle kits, use the links below or scan the QR codes:

- GV-GNVRC0810-P Bundle Kit: https://www.youtube.com/watch?v=lwJ6_6Li_Ow
- GV-GNVRC1620-P Bundle Kit: <https://www.youtube.com/watch?v=hxrmbkDQOnA>



GV-GNVRC0810-P Bundle Kit



GV-GNVRC1620-P Bundle Kit

1.2 GV-GNVR Series Documents

For details on the configurations of the GV-GNVR series, use the links below or scan the QR codes to see the user's manual, quick start guide, or datasheets:

- <https://www.geovision.com.tw/download/product/GV-GNVRC0810-P>
- <https://www.geovision.com.tw/download/product/GV-GNVRC1620-P>



GV-GNVRC0810-P



GV-GNVRC1620-P

1.3 GV-Eyeball Dome IP Camera Documents

For details on the configurations of the GV-GEBF4802 camera, use the link below or scan the QR code to see its user's manual, quick start guide, or datasheet:

- <https://www.geovision.com.tw/download/product/GV-GEBF4802>

For details on other GV-Eyeball Dome IP camera models, use the links below or scan the QR codes to access the download pages. Type the camera model (e.g., GV-GEBF4802) in the search bar to see its user's manual, quick start guide, or datasheet:

- <https://www.geovision.com.tw/download/product/>
- <https://php.gvdip.com/phpBB3/viewforum.php?f=327>



GV-GEBF4802



GeoVision Download Page



GV-Forum Download Page

Note: The GV-Eyeball Dome IP cameras may require compatible GV-Mount combinations. See the datasheet before purchase.

2. Introduction

Welcome to the *GV-GNVR Bundle Kit Quick Start Guide*.

In the following sections, you will learn about the basic installations and configurations. For more details, see the user's manual. (See *1.2 GV-GNVR Series Documents* to access the user's manual.)

Note: The NVR has a default ID (admin). For the first time you run the NVR, you will be required to set your password immediately in order to protect your privacy. Be sure to record your username and password and save them in a secure place.

2.1 Bundle Kit Packing List

GV-GNVRC0810-P Bundle Kit

1. GV-GNVRC0810-P Package x 1
 - GV-GNVRC0810-P x 1
 - SATA Cable x 1
 - Screw Kit x 1 (for HDD)
 - USB Mouse x 1
 - Power Adapter x 1
 - Power Cord x 1
 - Download Guide x 1
2. 2 TB HDD x 1 (preinstalled in GV-GNVRC0810-P)
3. 4 MP GV-Eyeball Dome IP Cameras x 6
4. GV-GNVR Bundle Kit Quick Start Guide x 1

GV-GNVRC1620-P Bundle Kit

1. GV-GNVRC1620-P Package x 1
 - GV-GNVRC1620-P x 1
 - SATA Cables x 2
 - Screw Kit x 1 (HDD Screws x 8, Rack Mount Screws x 6, Phoenix Terminal Blocks x 4)
 - Rack Mounting Brackets x 2
 - USB Mouse x 1
 - Power Adapter x 1
 - Power Cord x 1
 - Download Guide x 1
2. 4 TB HDD x 1 (preinstalled in GV-GNVRC1620-P)
3. 4 MP GV-Eyeball Dome IP Cameras x 12
4. GV-GNVR Bundle Kit Quick Start Guide x 1

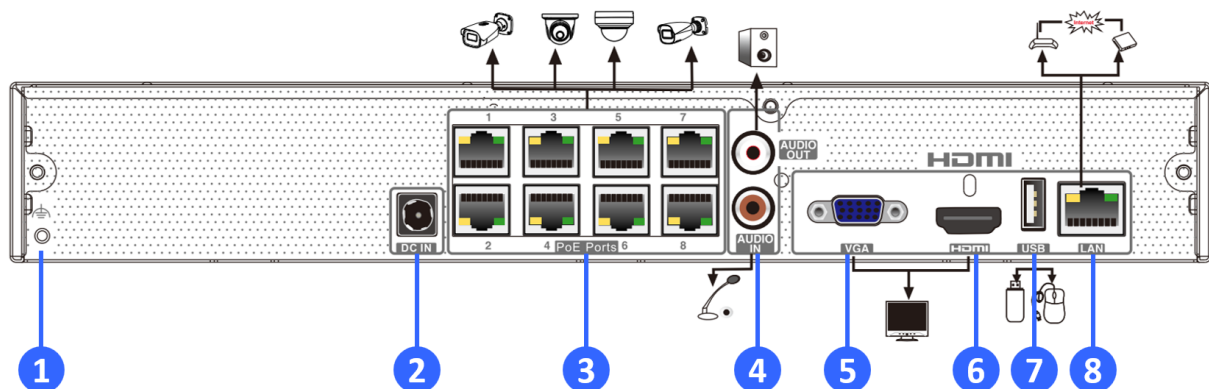
2.2 Front Panel

LED Indicator

LED	Status	Description
REC (Recording)	Steady blue	Recording.
NET (Network)	Steady blue	Connected to the network.
PWR (Power)	Steady blue	Device is powered on.

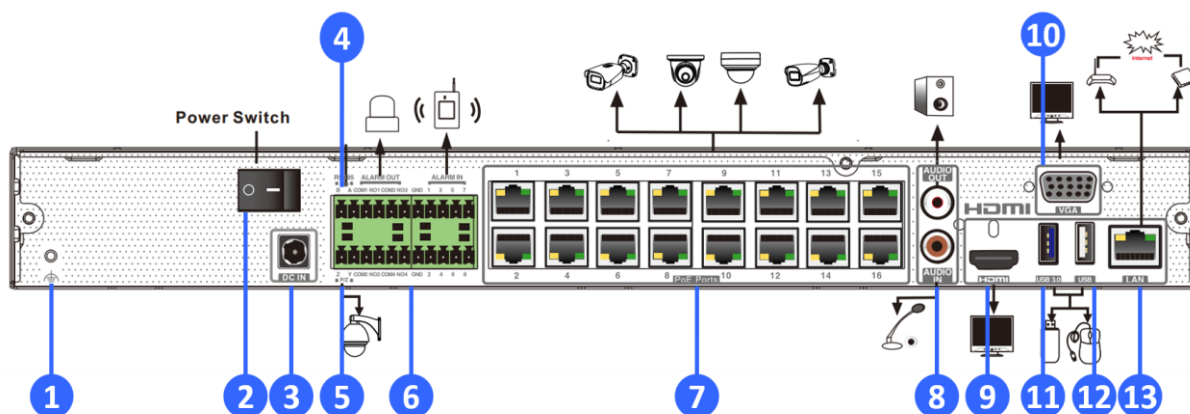
2.3 Rear Panel

GV-GNVRC0810-P



No.	Description	No.	Description
1	Grounding terminal	5	VGA output
2	DC IN	6	HDMI output
3	PoE ports x 8	7	USB 2.0 port
4	Audio input / output	8	LAN port

GV-GNVRC1620-P



No.	Description	No.	Description
1	Grounding terminal	8	Audio input / output
2	Power switch	9	HDMI output
3	DC IN	10	VGA output
4	Not functional	11	USB 3.0 port
5	RS-485 port (Y: + / Z: -)	12	USB 2.0 port
6	Alarm input / output	13	LAN port
7	PoE ports x 16		

3. Installation

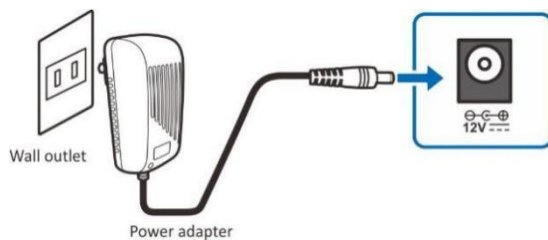
3.1 HDD Installation

To install or replace a hard drive, follow the steps in *2.1 HDD Installation* of the quick start guide. (See *1.2 GV-GNVR Series Documents* to access the quick start guide.)

3.2 Power Supply Connection

Caution: Only use the supplied power adapter that comes with the NVR.

Connect one end of the power adapter to the power connector on the back of the NVR. Plug the other end of the power adapter into the wall outlet.



4. Getting Started

4.1 Connecting Cameras to PoE Ports

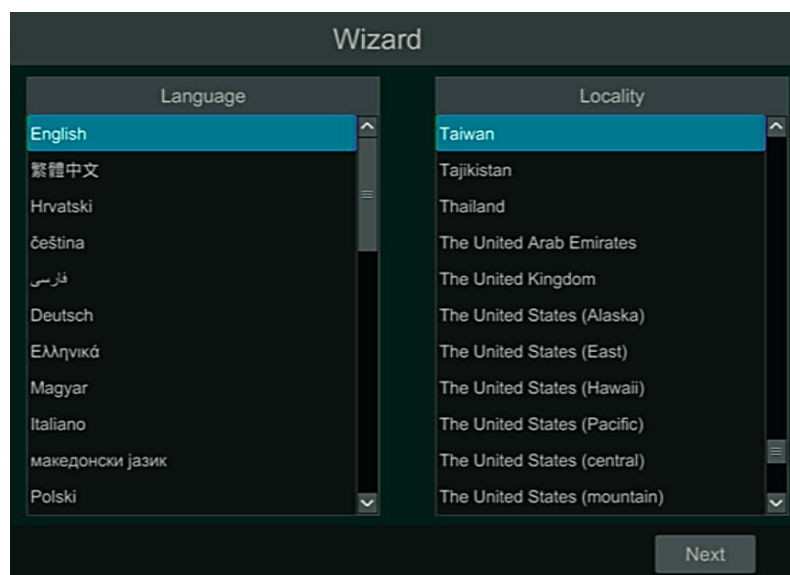
The NVR supports PoE plug-and-play functionality.

- PoE plug-and-play is supported only by the GV-IP cameras listed in the *Compatible GV-IP Cameras for Camera-Based AI Analytics* section in the datasheet. (See 1.2 *GV-GNVR Series Documents* to access the datasheet.)
 - a. **Compatible AI Cameras:** Supports PoE plug-and-play automatically, provided the cameras are set to their factory default settings upon initial connection.
 - b. **Other Camera Models:** Plug-and-play is not supported. You must configure the camera's login credentials before connecting it to the NVR.

4.2 Powering on the NVR

To get started, follow the steps below.

1. Connect the monitor and the power.
2. The device will boot, and the power indicator will display blue.
3. A wizard window will appear. Follow the on-screen instructions to configure the language, region, date and time, password, network, camera, disk, recording, and mobile app connection settings. For details on the Startup Wizard, see the next subsection.



4.2.1 Startup Wizard

1. **Language and locality:** Select the desired language and locality, read the privacy statement, check “I have read and agree”, and click “Next”.
2. **Date and Time Configuration:** Configure the time zone, date/time settings, and video format. DST is enabled automatically when applicable. Click “Next”.
3. **System Login:** Create an administrator password (default username is **admin**), set the default IPC activation password, and configure security questions for password recovery. If you forget the password, you can reset the password via security question or dynamic password. Click “Next”, and then click “Wizard Setup”.

Note: If you have forgotten your password, the password for admin can be reset using one of the following methods:

- **Security Question:** Click “Retrieve Password” in the login window and answer the configured security questions. After all questions are answered correctly, you can reset the admin password.
- **Dynamic Password:** If the security questions are unavailable or the answers are forgotten, contact GeoVision technical support at support@geovision.com.tw for assistance. A dynamic password can be generated using a dedicated tool to reset the admin password.

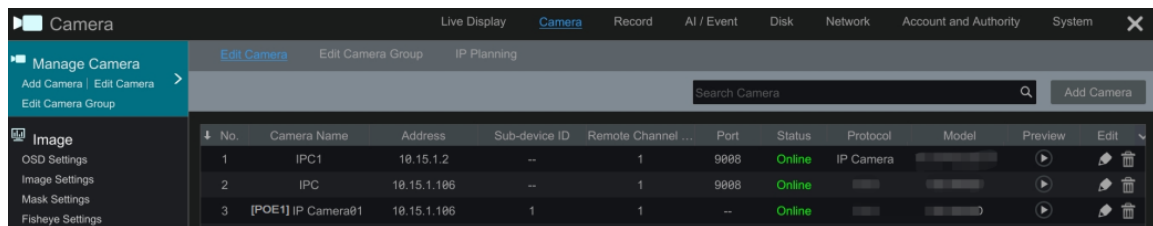
For security reasons, password reset operations can only be performed locally on the device.

4. **Network Settings:** By default, DHCP is enabled, and the NVR obtains a dynamic IP address automatically. Optionally disable DHCP and configure a fixed IP address manually. Configure the DNS, HTTP, HTTPS, and Server port settings as needed, and click “Next”. For details, see *5. Remote Access via Web Client*.
5. **Add Camera:** Click “Refresh” to search for cameras on the network. Add, activate, edit, or remove cameras as needed, and then click “Next”.
6. **Disk Settings:** Review the installed disks and click “Format” to format the disk. **Formatting is required for initial use.** Click “Next”.
7. **Record Settings:** Select “Auto” or “Customization” recording mode to customize the recording schedule and event recording settings. Click “Next”.
8. **Mobile App:** By default, the Mobile App function is enabled. Verify that it remains enabled. Click “OK” to complete the wizard. For details, see *6. Remote Monitoring on Mobile App*.

4.3 Adding Cameras to the NVR

To add cameras to the PoE ports of the NVR, follow the steps below.

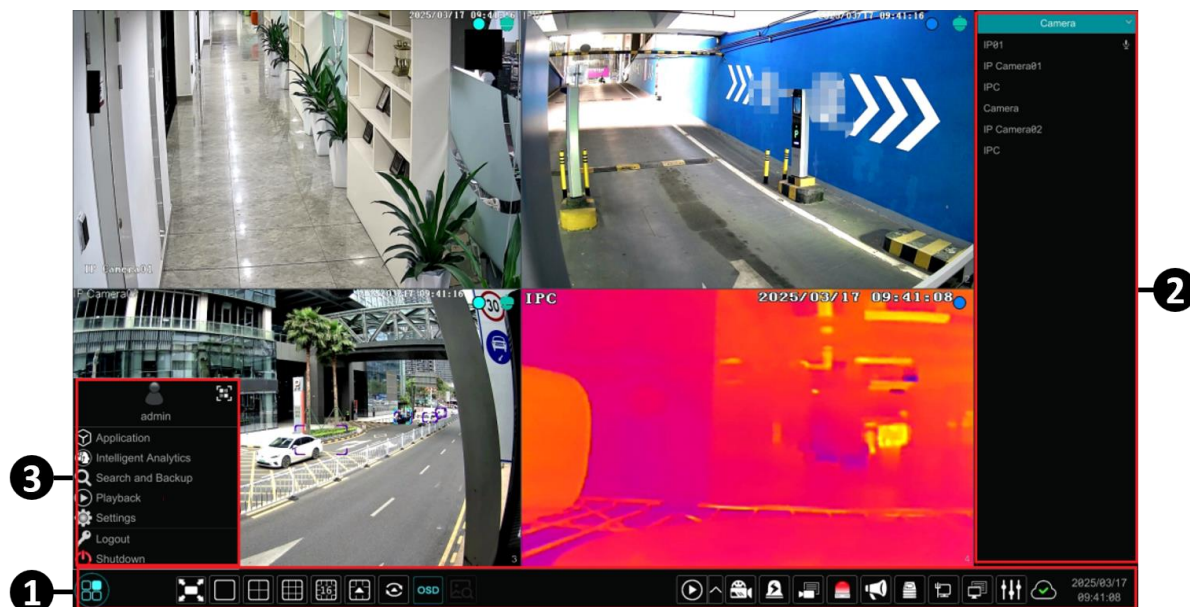
1. Connect IP cameras to PoE ports of the NVR with network cables.
2. Go to **Start > Settings > Camera > Edit Camera**. This window appears.



3. Connected PoE cameras appear automatically in the camera list, prefixed by their port numbers (e.g., [POE #] + Camera Name).
4. If the IP camera connected to the PoE port does not appear automatically in the camera list, the camera may have existing network settings. Verify that one of the following conditions is met:
 - a. The IP camera is assigned an IP address on the same network segment as the NVR's internal Ethernet port.
 - b. DHCP (Obtain an IP address automatically) is enabled on the IP camera, allowing it to obtain an IP address automatically when connected to the NVR.

4.4 Live View

4.4.1 Main Window



No.	Name	Description
1	Live View Toolbar	Provides quick access to commonly used live monitoring functions, such as screen layout, playback, recording, alarms, system status, and display controls.
2	Navigation Panel	Displays cameras, camera groups, display modes, and target detection results. Use this panel to select cameras, switch display modes, and access related monitoring views.
3	Main Menu	Provides access to major system functions, including intelligent analytics, playback, search and backup, system settings, user management, and power options.

4.4.2 Enable Recording

There are two methods to start manual recording.

Method 1:

Click  on the Live View Toolbar (No. 1 in *4.4.1 Main Window*) to enable recording to start recording all channels immediately. When recording is in progress, the icon becomes . Click the icon again to stop recording.

Method 2:

In the live view interface, right-click any camera window and select **Manually Record On**. Alternatively, click  on the toolbar below the camera window to start recording. When recording is in progress, the icon becomes . Click the icon again to stop recording.

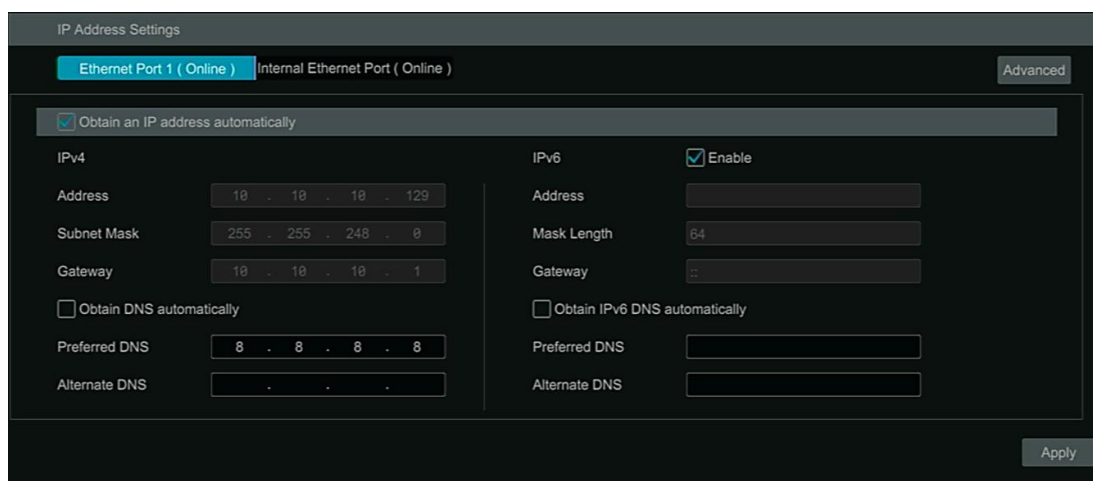
5. Remote Access via Web Client

Use the Web Client to remotely access your NVR at any time via a PC.

By default, DHCP is enabled, and the NVR will obtain a dynamic IP address. You can view or configure the NVR's IP address and then access its Web interface using the following method.

Locating the NVR's IP address:

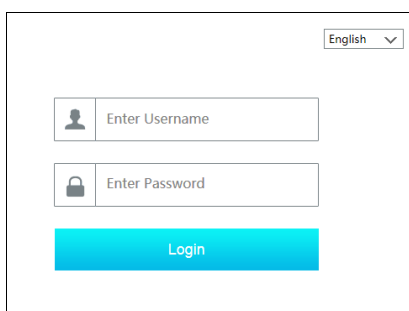
1. On the NVR, go to **Start > Settings > Network > TCP/IP**. By default, DHCP is enabled, and the current IP address assigned by DHCP is displayed.



2. Optionally deselect **Obtain an IP address automatically** to disable DHCP. The NVR will be assigned a fixed IP address by default: **192.168.0.100**.
3. Configure the IP address, subnet mask, gateway, preferred DNS, and alternate DNS of the NVR as needed.

Accessing the NVR remotely:

4. To access the login interface, open a Web browser, type the NVR's IP address in the address bar, and then press **Enter**. The login interface appears.



5. Select your display language in the top-right corner of the login screen. Type the NVR username and password, and click **Login** to access the live view.

Note: When logging in for the first time, you will be prompted to install a plugin. Close all browsers before installing, follow the on-screen instructions, and then reopen your browser to log in.

6. Remote Monitoring on Mobile App

You can remotely access the live view and playback of the GV-GNVR series on the GV-Eye app.

6.1 Downloading Mobile App

Before configuration, use the links below or scan the QR codes to download GV-Eye for iOS / Android:

- <https://apps.apple.com/us/app/gv-eye/id427126976>
- <https://play.google.com/store/apps/details?id=tw.com.geovision.gveye&hl=en>

iOS



Android



6.2 Video Tutorial

To see the tutorial video for connecting and configuring the GV-GNVR series on GV-Eye, use the link below or scan the QR code:

https://www.youtube.com/watch?v=QFvj3c_noKg



Note: To access the QR code to connect GV-Eye to your NVR, select **Start > Settings > Network > Mobile App** on the GV-GNVR series.

7. Remote Monitoring on GV-Edge Recording Manager

You can remotely access the live view and playback of the GV-GNVR series on GV-Edge Recording Manager.

7.1 Downloading GV-Edge Recording Manager

Before configuration, use the link below or scan the QR code to download GV-Edge Recording Manager for Windows:

[https://www.geovision.com.tw/download/product/GV-Edge Recording Manager \(Windows Version\)](https://www.geovision.com.tw/download/product/GV-Edge%20Recording%20Manager%20(Windows%20Version))

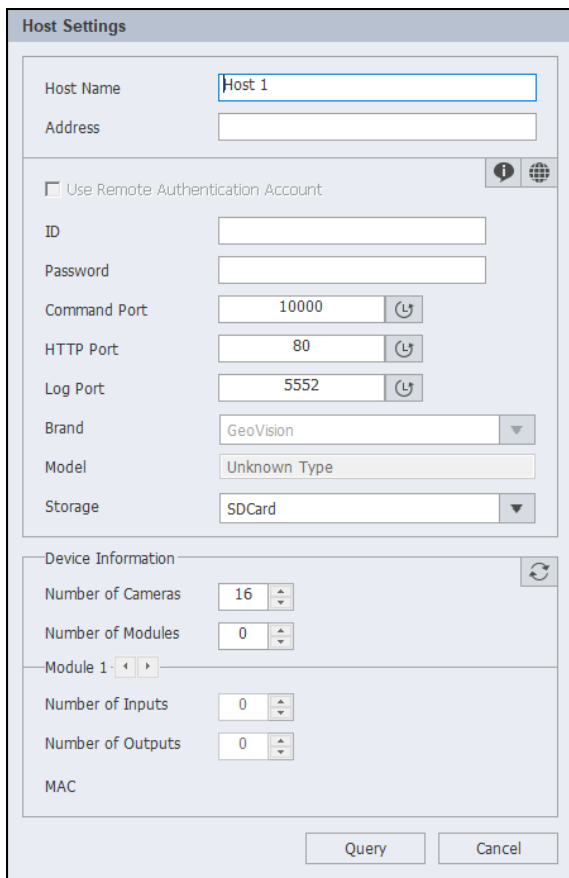


7.2 Adding the NVR to GV-Edge Recording Manager

You can remotely view the NVR with GV-Edge Recording Manager. To manually add the NVR as a host to GV-Edge Recording Manager, follow the steps below.

On GV-Edge Recording Manager

1. From the Host list, click **Add**  > **Add Host** and select a device type. The Host Settings dialog box appears.



The Host Settings dialog box is shown with the following fields and options:

- Host Name:** Host 1
- Address:** (empty field)
- ☐ Use Remote Authentication Account
- ID:** (empty field)
- Password:** (empty field)
- Command Port:** 10000
- HTTP Port:** 80
- Log Port:** 5552
- Brand:** GeoVision
- Model:** Unknown Type
- Storage:** SDCard
- Device Information:**
 - Number of Cameras:** 16
 - Number of Modules:** 0
 - Module 1:** (empty field)
 - Number of Inputs:** 0
 - Number of Outputs:** 0
 - MAC:** (empty field)

Buttons at the bottom: Query, Cancel.

2. Type the Host Name, IP Address, ID and Password of the NVR. Modify the Communication Port if necessary.
3. Click the **Update Information** button  to request for the number of cameras installed.
4. Click **OK** to add the host. The host is added to the Host List.
5. Once added, you can drag and drop the NVR from the Host List onto the Live View Window for live view display.

8. Firmware Upgrade

GeoVision periodically releases updated firmware on its website. To upgrade the NVR, follow the steps in *5. Firmware Upgrade* of the quick start guide. (See *1.2 GV-GNVR Series Documents* to access the quick start guide.)

9. Troubleshooting

How can I find help?

When encountering problems using the product, refer to the contact information below for us to better assist you:

1. Visit our support page using the link below or scan the QR code.

<https://www.geovision.com.tw/support.php>



2. Contact us at support@geovision.com.tw.