



Network Video Recorder Quick Start Guide

H Series

www.anpviz.com

V1.0

Thank you very much for choosing Our Products. This Quick Start Guide is Applicable to all H Series Network Video Recorder Products.

For detailed products operation, please refer to the user manual. Please download Client Software Tools and User Manuals from www.anpviz.com.

If you have any questions, please feel free to email us support@anpviz.com

Tel/WhatsApp : 8617704003974

Video Guide: <https://www.youtube.com/@anpviz>



Packing List

- ▶ Network Video Recorder
- ▶ Power adapter/Power cable
- ▶ Quick Start/User Manual
- ▶ USB Mouse
- ▶ Network Cable
- ▶ Warranty Card
- ▶ HDD Power Cable/HDD Date Cable/ HDD Mounting Kit



NOTE
Products accessories may vary slightly depending on the model. Please refer to the actual product.

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Chapter 1 Rear Panel Interfaces Description

The rear panel interfaces vary with different models. Refer to Table 1-1 for the common interfaces description.

Item	Description	Item	Description
VIDEO IN	IP Camera input	VIDEO OUT	BNC connector for video output
AUDIO IN	RCA connector for audio input	AUDIO OUT	RCA connector for audio output
PoE Port	Network interfaces for PoE cameras and to provide power over Ethernet	LINE IN	RCA connector for two-way audio input
USB	Universal Serial Bus (USB) interface for mouse, keyboard, or USB flash drive	LAN	RJ-45 self-adaptive Ethernet interface
VGA	DB15 connector for local video output and menu display	HDMI	HDMI interface for video output
RS-485	RS-485 serial interface for pan/tilt unit, speed dome, etc	RS-232	RS-232 interface for parameter configuration, or transparent channel
ALARM IN/OUT	Alarm input/output interface	eSATA	Storage and expansion interface for record or backup
Power Switch	Switch for turning on/off the device	Power Supply	100 to 240 VAC, 48 VDC, or 12 VDC power supply, different models vary
GND	Ground		

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Chapter 2 Installation and Connection

2.1 HDD Installation

Before you start

- Ensure power is disconnected.
- Prepare a factory recommended HDD, and cross screwdriver.
- **If the device you purchased has a pre-installed hard drive, you can ignore the following installation steps**

2.1.1 Fix-on-Bottom Installation

Fix-on-bottom installation is applicable when it requires to install the HDD at the internal bottom.

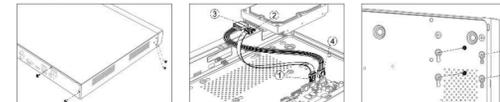


Figure 2-1 Remove Cover Figure 2-2 Connect HDD Cable Figure 2-3 Fix HDD

2.1.2 Bracket Installation

Bracket installation is applicable when it requires to remove the device cover, and install HDD on the internal bracket.



Figure 2-4 Remove Cover Figure 2-5 Fix HDD Figure 2-6 Connect Cable

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2.1.3 Front Panel Plug-Pull Installation

Front panel plug-pull installation is applicable when it requires to open the device front panel with key.

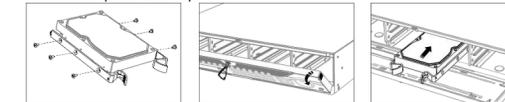


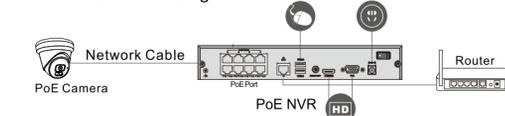
Figure 2-7 Fix Mounting Ear Figure 2-8 Open Front Panel Figure 2-9 Insert HDD

2.2 NVR Connection

To make sure the NVR and cameras work properly, please connect every part and run the system before the final installation.

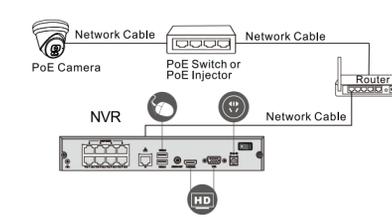
1. Connect the monitor's VGA cable or HDMI cable to the NVR VGA cable or HDMI port.
2. Connect the camera by network cable to the NVR POE port (NVR with POE)
3. Connect the mouse to the NVR USB port.
4. Connect the NVR RJ-45 port to the router LAN by network cable if your need (Optional).
5. Connect the NVR power.

PoE NVR Connection Diagram



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Non PoE NVR Connection Diagram



NOTE
The interfaces may vary slightly between models. Please refer to the actual product you purchased.

Chapter 3 Menu Operation

3.1 Startup

Plug power supply into an electrical outlet. Press the power button. The device begins to start.

3.2 Activate Your Device

For the first-time access, it requires to set an admin password for device activation.

Step 2 Select a language.

Step 3 Click **Apply**.

Step 4 Enter the same password in **Password** and **Confirm Password**.

WARNING
STRONG PASSWORD RECOMMENDED—We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters.) in order to increase the security of your product.

Step 5 Activate network camera(s) connected to the device.

Step 6 Click **Activate**.

What to do next: Follow the wizard to set basic parameters.



Set admin Password

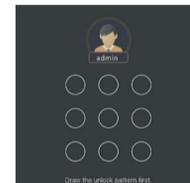
Login Unlock Pattern

For the Admin user, you can set the unlock pattern for device login after it is activated.

Use mouse to draw a pattern among the 9 dots on the screen.

Release the mouse when the pattern is done.

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Set Unlock Pattern

3.3 User Login

You have to log in to the device before operating the menu and other functions.

NOTE
For the admin, if you have entered the wrong password for 7 times, the account will be locked for 60 seconds. For the operator, if you have entered the wrong password for 5 times, the account will be locked for 60 seconds.

3.4 Add Network Cameras

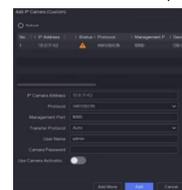
3.4.1 Add Same Series Camera

Before you can get live video or record the video files, you should add network cameras to the device.

For cameras and PoE NVRs of the same series, plug and play is possible. Simply connect the camera directly to the NVR PoE port via an Ethernet cable to activate and connect.

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Go to **Configuration > Camera > IP Camera**. Click "Manually Add" or refresh the online list. Devices on the same subnet will be detected and displayed in the list. Click "Add," enter the camera information, and click "OK."



Add IP Camera

3.4.2 Add Third-party Onvif Cameras

Please follow the steps below.

a. For cameras connected to an external POE switch, simply connect to the NVR by connecting to the same subnet as the recorder. The camera will be detected by the NVR and appear in the online device list. Click Add and enter the camera password to connect.

b. For cameras connected directly to the NVR POE port, before connecting:

Step 1: Use the camera's software to change the camera's IP address to 192.168.254.XX, placing it on the same subnet as the NVR POE network card.

Step 2: Connect the camera to the NVR POE port via a network cable.

Step 3: Go to **Configuration > Camera > IP Camera**.

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After the recorder detects the camera, click Channel Edit, change the connection method to Manual, enter the camera password, and then click OK.

For 3rd party Camera connect to NVR, refer to the video guide at the following link: <https://youtu.be/6DFdOQpi8Yg>



Add onvif Camera

3.5 Configure Guarding Vision and add Smart phone

Guarding Vision provides mobile phone application and platform service to access and manage your connected devices, which enables you to get a convenient remote access to the surveillance system.



Platform Access

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Go to **Configuration > Network > Platform Access > Guarding Vision**. Bind your device with a Guarding Vision account.

1. Use a **smart phone** to scan the QR code, and download Guarding Vision app.
2. Use Guarding Vision to scan the device QR, and bind the device. After configuration, you can access and manage your devices via app or website.



NOTE

- If the device is already bound with an account, you can click Unbind to unbind with the current account.
- You can also use the QR code in at the upper-left corner to download Guarding Vision and bind your device.

3.6 Live View and Record Settings

Live view shows you the video image getting from each camera in real time. The device will automatically enter live mode when powered on. In the live mode, there are icons at the right top of the screen to indicate the status of record and alarm for each channel.

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Live View Icons

In the live view mode, there are icons on the screen to indicate the record and alarm status of each channel.

Item	Description	Item	Description
	Alarm (video loss, tampering, motion detection, VCA or sensor alarm)		Alarm and Record
	Record (manual record, continuous record, motion detection, VCA or alarm triggered record)		

3.7 Playback

The recorded files on HDD can be played back. Refer to the user manual for details of each playback mode.

Go to **Playback**.

Check the channel(s) in the channel list for playback.

Double click a date on the calendar.



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Chapter 4 Access by Web Browser or Client

You can get access to the device via web browser or client.

By Web Browser

Open web browser, enter the device IP address, enter your username and password on the login page, and install the plug-in to preview or configure the device.



NOTE

- To access the device, you need to install a web plug-in. Click the plug-in icon in the upper-right corner to download the plug-in.
- If your PC prompts that the plug-in is risky, click Trust to download and install it. The plug-in is very safe and can be installed and used with confidence.
- You may have to close the web browser to finish the installation of the plug-in.

By Client Software

Download and install the PC desktop software **Guarding Vision** or **IVMS-4200** from www.anpviz.com, add the device, and then you can access and manage the device.

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LET US KNOW WHAT YOU THINK



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If your experience has been something less than amazing, please drop us an email at support@anpviz.com give us a ring at WhatsApp **8617704003974**.

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