Network Video Recorder

Quick Start Guide

Please read this user manual carefully before using the product and preserve it properly.

About the User Manual

- Please refer to the actual product, the manual is for reference only.
- The company reserves the right to modify and ultimately interpret this manual for printing errors, software upgrades, product improvements, and inconsistencies with the latest version. The contents of this manual are subject to change without notice. The updates will be added into the new version of this manual.
- The manual is for reference for this series of NVR. The specific operation of each product is not listed, and the following is only an example of a model. Please operate according to the actual product.
- The product must be matched with the wire assembly (power cord) recommended for use in the local region and within its rated specifications.

Disclaimer

- To the maximum extent permitted by applicable law, the products described in this manual (including hardware, software, firmware, etc.) are provided "as is", including all defects and errors, without warranty of any kind, either express or implied, including, but not limited to, warranties of merchantability, satisfactory quality, fitness for a particular purpose, non-infringement of third-party rights, etc. The Company shall not be liable for any special, incidental, consequential or indirect damages arising out of the use of this manual or the use of our products, including, but not limited to, damages resulting from loss of business profits, data or files.
- The regulatory legal is influenced by the jurisdiction. Before using this product, please check all relevant laws in your jurisdiction to ensure that your use confirms the applicable law, and our company will not be liable for any use of this product in conjunction with illegal products or for other improper uses such as infringement of third-party rights.
- The use of this device shall strictly comply with the Law of the People's Republic of China on the Protection of Personal Information and other relevant laws and regulations, shall not illegally and unlawfully collect personal image information of others, and shall not infringe upon the personal information rights and interests of others.
- In the event of a conflict between the contents of this manual and applicable law, the legal provisions shall prevail.

1 Hard Disk Installation

CAUTION

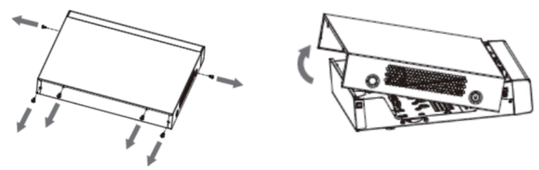
1、Before installing, please ensure that the NVR has been cut off the power. Do not plug and unplug with electricity.

2、Before covering the top cover of the case, please check the inside and make sure all cables are well connected.

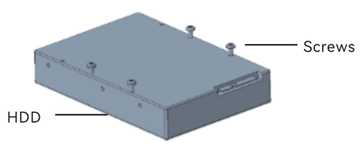
3、Please format the hard disk before using.

Please use a special surveillance hard disk recommended by the device manufacturer. The following installation illustration is for reference only, please refer to the actual product. The installation steps are as follows:

Step 1: Remove the cover by unscrewing the back and side on the case.



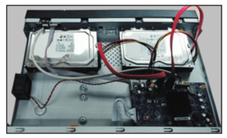
Step 2: Screw into the hard disk screw holes, but do not need to tighten them, and then place the drive in its position on the bottom case.



Step 3: Flip the device over and plug in the hard disk power and data cables between the motherboard and the hard disk.



1HDD



2HDD



4HDD

Step 4: Align the hard disk screw holes with the bottom plate screw holes and fix the hard disk with screws.



Step 5: Cover the top cover and fix it with screws.

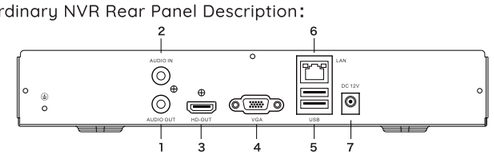


2 Indicator Light

LED	Status	Description
Power	Red Light On	Power Indicator
NET(Network)	Green Light Flashes	Network Indicator
HD(Hard Disk)	Blue Light Flashes	HDD Read and Write Indicator
CLOUD	Yellow Light On	Cloud Connection Indicator

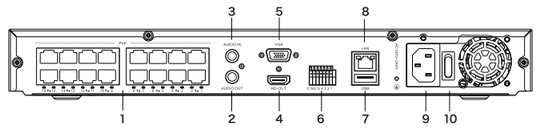
3 Rear Panel Description

Ordinary NVR Rear Panel Description:



NO.	Description	NO.	Description
1	Audio Output	6	Network Port
2	Audio Input	7	Power Supply
3	HD Output		
4	VGA Output		
5	USB Port		

POE NVR Rear Panel Description



NO.	Description	NO.	Description
1	PoE Port	6	Alarm Interface
2	Audio Output	7	USB Port
3	Audio Input	8	Network Port
4	HD Output	9	Power Supply
5	VGA Output	10	Power Switch

NOTE

1、The actual appearance and components of the product may vary depending on the product model.

2、Rear panel description is for reference only, please refer to the actual product.

NVR Rear Panel Description

Name	Function
VGA	Connect to monitor
HD-OUT	Connect to monitor (HD interface)
LAN	Network Port
USB	USB interface for linking U disk, mouse and other devices
ALARM IN	Alarm input interface
ALAEM OUT	Alarm output interface for connecting external alarm
GND	Grounding
AUDIO OUT	Audio output interface for connecting loudspeaker
AUDIO IN	Audio input interface for connecting microphone, pickup input devices
RS485	RS485 serial interface for connection to PTZ, etc.
DC 12V	DC12V power supply
AC100~240V	AC100~240V power supply

4 Product Operation Guide

4.1 Startup

1、Please ensure that the access voltage matches the device requirements and that the device grounding terminal is well grounded.

2、Please ensure the monitor is connected to the video output port of the device before powering on.

3、After the device powers on, the power indicator will be red and the power-on image will appear on the monitor screen.

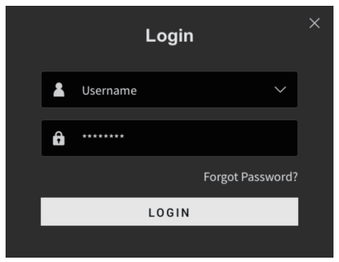
NOTE

1、For the device with power switch, the power switch needed to be turn on on the rear panel after plugging in the power.

4.2 Quick Configuration

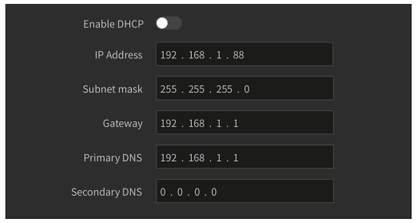
1、In the startup wizard, you can configure the Internet, set the IP address, etc.

2、The first time you log in, you need to set up a wizard, select the language and set the time when prompted, and then set a password. The administrator password can be customized by the user, the administrator default is admin, and the password is "12345" by default. Users can also enable and edit pattern unlock here. Click "Next" to set the corresponding password question and email address to retrieve the password



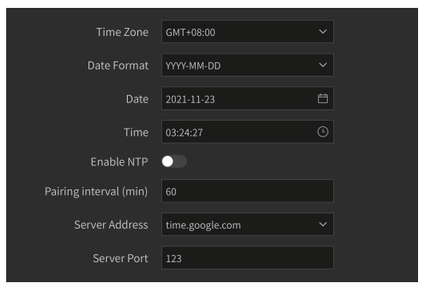
4.3 Network Configuration

Go to the network configuration wizard and enter the IP address, subnet mask, gateway, etc. If DHCP is enabled in the router, you can select obtaining an IP address automatically (The default IP address of the NVR is 192.168.1.88).



4.4 Time Setting

Go to time configuration wizard to configure the system's time zone, date display format, system date and time. Turning on NTP pairing allows the system date and time to be synchronized with the network.

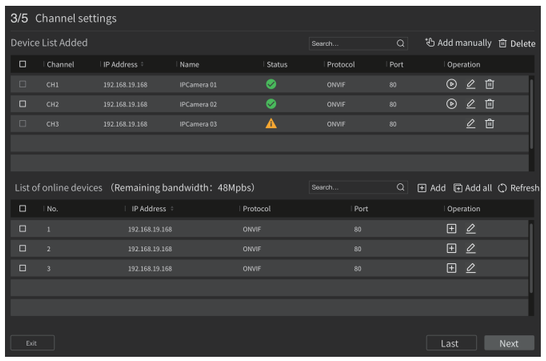


4.5 Add a Network Camera

1、Enter the channel setting wizard, please set in "Configuration > Channel Management > Channel Configuration > Add a Device" interface. The system will automatically refresh the devices in the same LAN.

2、Click ⊞ to add "search devices". Click "Add" to add all the searched devices. Click 🗑 to delete the added devices. Check all the devices, click 🗑 to delete all the added devices.

3、In the device list, if the device status is ✓, it means the device has been successfully added and can be connected to the real-time image. Select the added device, click ✎ to modify the channel, network address and other information of the device. After editing, click "OK" to modify successfully.



4.6 Record Configuration

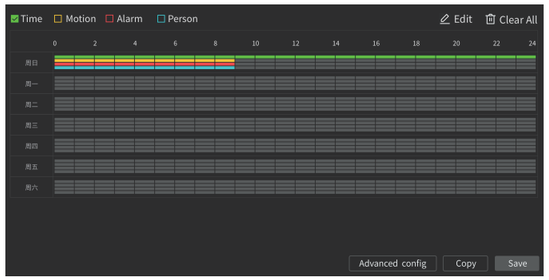
The NVR is turned on by default for 24-hour general recording of all channels.

1、Enter the video schedule interface, click "Configuration > Video Management > Video Schedules".

2、Choose and check the channel and the video type according to the actual demand, hold down the left mouse button and drag the mouse in the time period diagram or click "Edit" to set the video type and time period.

3、Click "Clear all" to clear all video schedules.

4、Click "Copy Channel" to copy the video schedules to other online channels.



4.7 Playback

4.7.1 Instant Playback

1、Click the preview channel in the preview interface, the control bar is displayed below the channel.

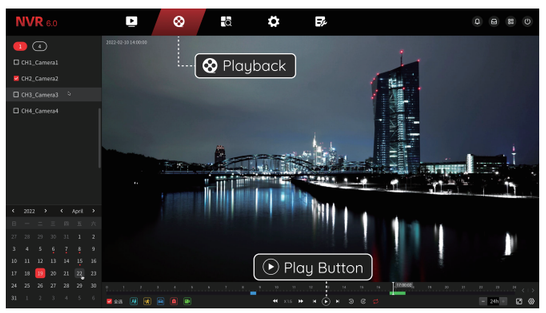
2、Click ⟲ to enter the instant playback interface, you can play back the first 5 minutes of the current channel video.



4.7.2 General Playback

1、Click ⊛ or right mouse click and select "Playback" in the preview interface, the system displays the "Video Playback" interface.

2、Select "Channel > Date > Video Type", left mouse click ▶, the interface begins to play the file video. Or select "Date > Channel", left mouse click on the time progress bar below the playback interface to play the video.

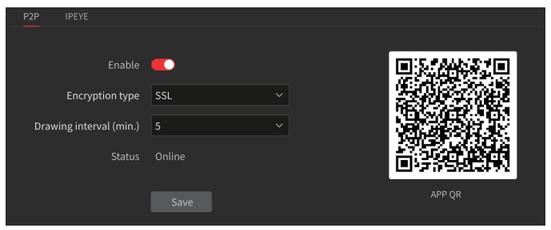


4.8 Platform Configuration

Enter the QR code wizard interface to enable the "P2P" function directly or exit the wizard and enter the network configuration interface for setting. Users can scan the QR code here to quickly log in the device to view the video via mobile monitoring APP.

4.8.1 APP Access

1、On the "Configuration > Network Configuration > P2P" interface, enable P2P and click "Apply" to save the parameters.



4.8.2 Web Access

NVR LAN Login

1、Open the browser, ensure the NVR and the computer in the same network segment, when the computer and the device are not in the same network segment, you need to add the same network segment IP to the computer and the NVR, such as "192.168.1.99".

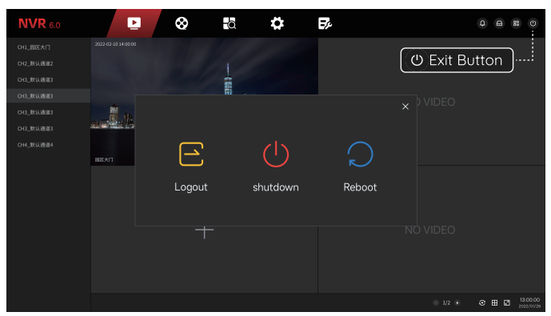
2、Open the Internet Explorer, select "Tools > Internet Options > Security > Custom Levels > ActiveX Controls and Plug-in", all options are selected to enable.

3、Turn on the Search Tool, double-click to get the NVR information to enter the login interface; or open IE browser to enter the NVR address: such as http://192.168.1.88/ (if the http port of the NVR is changed to 89, then enter "http://192.168.1.88:89/ in the browser") to enter the login interface.

4、Enter the device username (default is "admin"), password (default is "12345"), login to the NVR.

4.9 Shutdown

Click ⏻ in the upper right corner, and then click "Shutdown". The device will power off by clicking the "OK" button in the prompt window.



⚠ CAUTION

1、When the device is running (especially when recording), please do not force shutdown (i.e. directly cut down the power).

2、Some devices will prompt "please turn off the power" before completely shutting down, please turn off the power switch on the rear panel.

5 Safety Precautions

- ✓ Please modify the user's default password in time after the device is working to avoid being stolen.
- ✓ Please install the device in a well-ventilated place and do not block the vents of the device.
- ✓ Please keep the device installed horizontally, or in a stable place, and pay attention to prevent the product from falling.
- ✓ Please use the device only within the rated input and output range.
- ✓ Please transport, use and store the device within the allowable humidity (10%~90%) and temperature (-10℃~+55℃). When cleaning the device, please unplug the power cord and cut down the power completely.
- ✓ Dust on the circuit board inside the NVR can cause a short circuit when exposed to moisture. Please use a soft brush to dust the circuit board, connectors, case and fan regularly. If the dirt is difficult to remove, it can be wiped away with a neutral cleaner diluted with water and then wiped dry.
- ✓ Please purchase the regular surveillance hard disk recommended by the device manufacturer to ensure the quality and use of the hard disk requirements
- ✓ Please ensure the alarm cable is connected and in good contact.
- ✗ Do not place and install the device in direct sunlight or near heat generating device.
- ✗ Do not install the device in a humid, dusty or sooty place.
- ✗ Do not drip or splash liquid on the device, and ensure that no liquid-filled objects (such as drinking cups) are placed on the device to prevent liquid from flowing into the device.
- ✗ Do not disassemble the equipment at will.
- ✗ Do not use volatile solvents such as: alcohol, benzene or thinner when cleaning the device. Do not use strong or abrasive cleaners, which will damage the surface coating.

6 Restricted substances or elements

Part Name	Hazardous Substance					
	Pb	Hg	Cd	CrVI	PBB	PBDE
Metal	×	○	○	○	○	○
Plastic	○	○	○	○	○	○
Circuit Board	×	○	○	○	○	○
Glass	○	○	○	○	○	○
Power Supply	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

This table is prepared according to provisions of SJ/T 11364.

○ : Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.

× : ndicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

- The environment-friendly use period refers to the harmful substances contained in the product will not leak out under normal use conditions, and the user will not cause serious pollution to the environment or serious damage to his person or property when using the product.