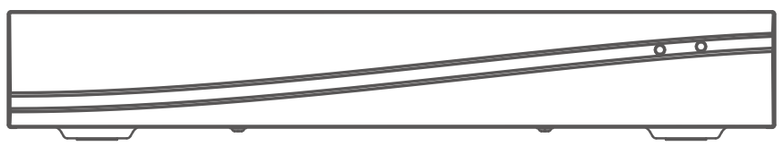
ORVIBO

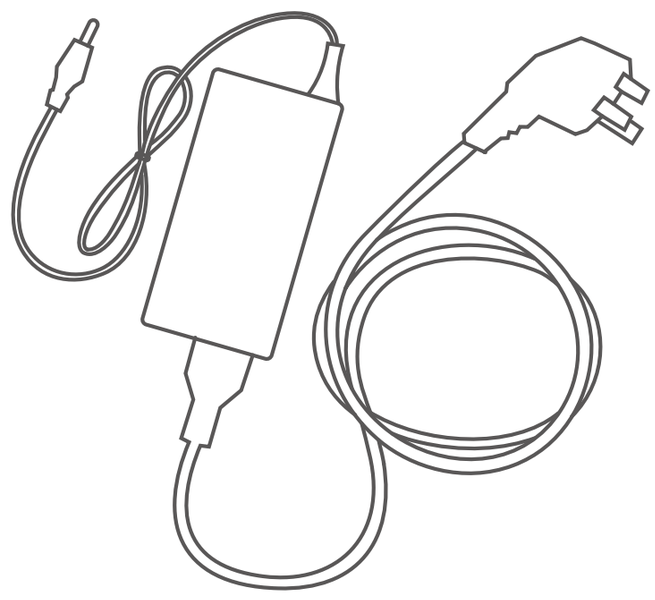
PoE
Network Video Recorder

User Manual

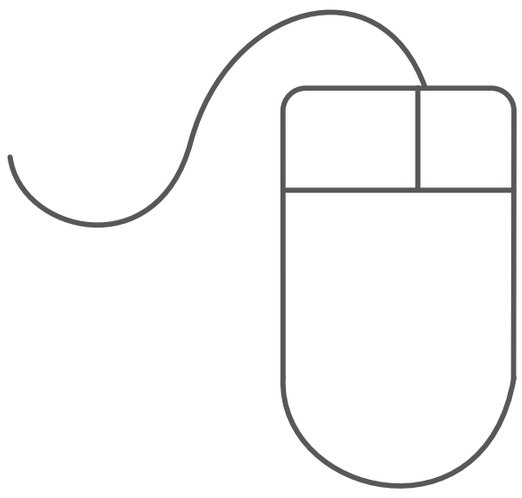
Packing list



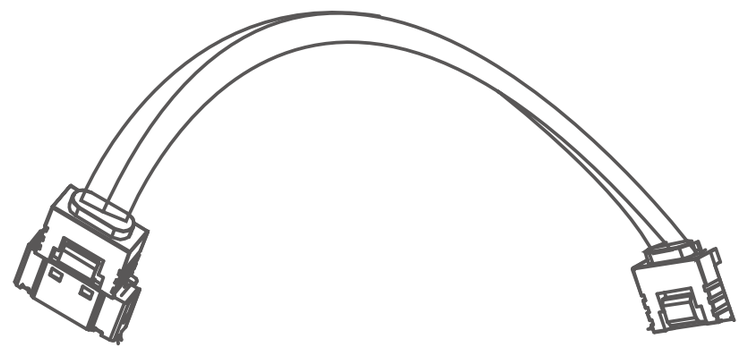
NVR x1



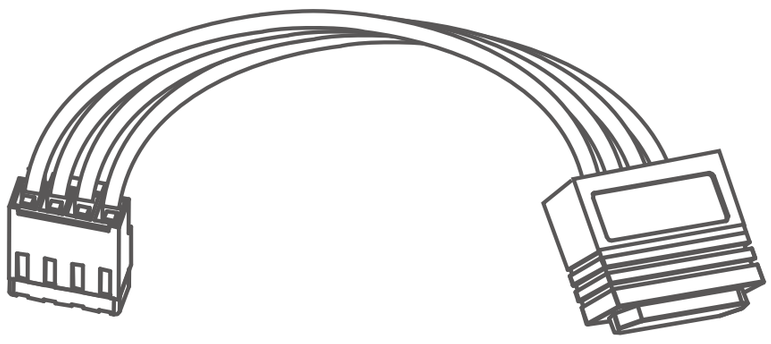
NVR power adapter x1



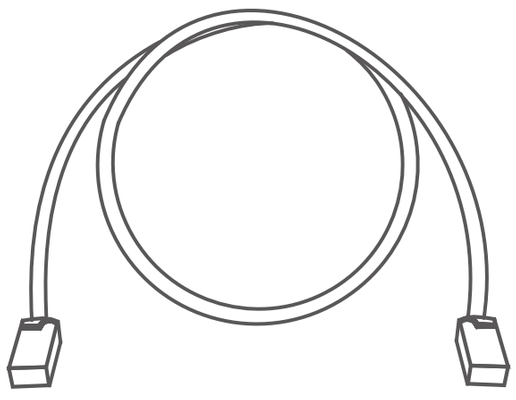
Mouse x1



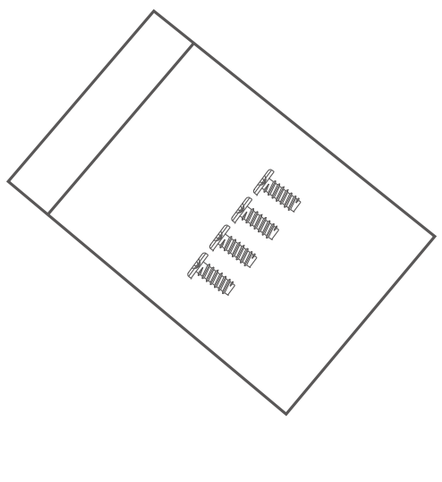
HDD power cable x1



HDD data cable x1



Network cable x1



Screws kit x1

Installation instructions

Please read this manual carefully before use to avoid danger and property damage. In the process of use strictly observe this manual and keep it properly after reading.

Warning: Operation of this equipment in a residential environment may cause radio interference

① Do not place and install the equipment in direct sunlight or near heat generating sources.

② Do not install the equipment in a wet, dusty or dark area.

③ Keep it installed horizontally, or install it in a stable place to prevent dropping.

④ Do not drip or splash liquid on the equipment; do not place any liquid–filled objects on the equipment to prevent liquid from flowing into the equipment.

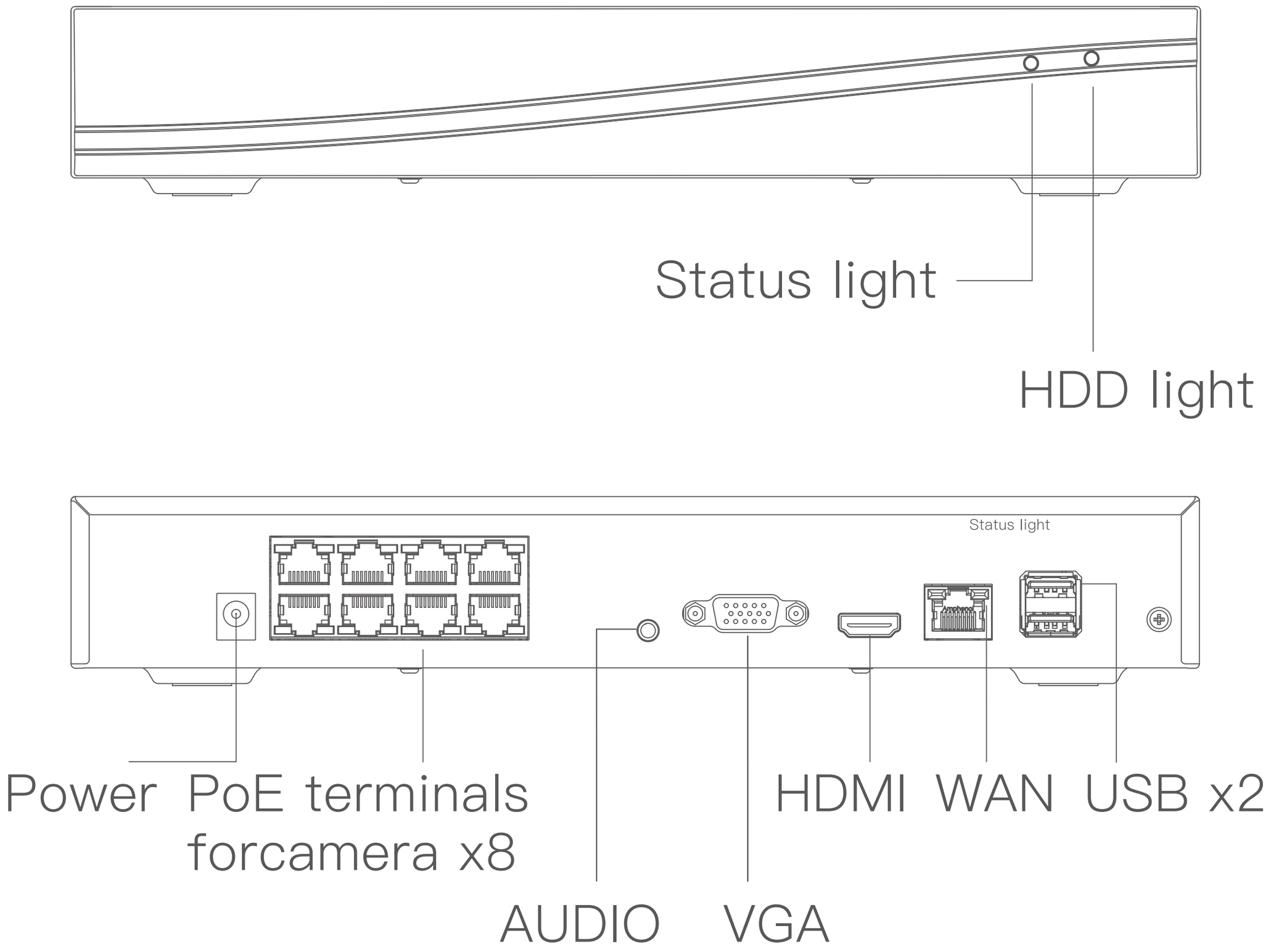
⑤ Install the equipment in a well–ventilated area; do not block its ventilation openings.

⑥ Use the equipment only within the rated input and output range.

⑦ Do not disassemble the equipment at will.

⑧ Transport, use and store the equipment within the allowable humidity and temperature range.

Product Description



Power: DC 48V ⎓ 1.35A

PoE terminals for camera:

Connect PoE-camera to NVR by network cable

AUDIO: Connect to speakers or earphones to play sound

VGA: VGA video output port

HDMI: High definition video output port

WAN: Ethernet port. Connected by network cable

USB: Connect to mouse, USB storage device and so on

Indicator information

Indicator status	Description
Red status light is on	NVR is starting up
Blue status light is on	NVR is working correctly
Status light flashes red	NVR is offline
HDD light flashes blue	HDD data is being read or written

NVR/PoE camera/ Screen Connection

① Power on the NVR with included power adapter.

② Connect the NVR with screen by VGA terminal or HDMI terminal. (Please select the appropriate video interface according to the actual situation.)

③ Connect the NVR with mouse by USB terminal.

④ Connect the camera to the PoE network terminal of the NVR via a network cable. After the NVR is powered on, camera will connect to the NVR automatically.

⑤ When using the NVR for the first time, a boot–up guide will appear. Please set the password and follow the on–screen instructions to complete the subsequent operations.

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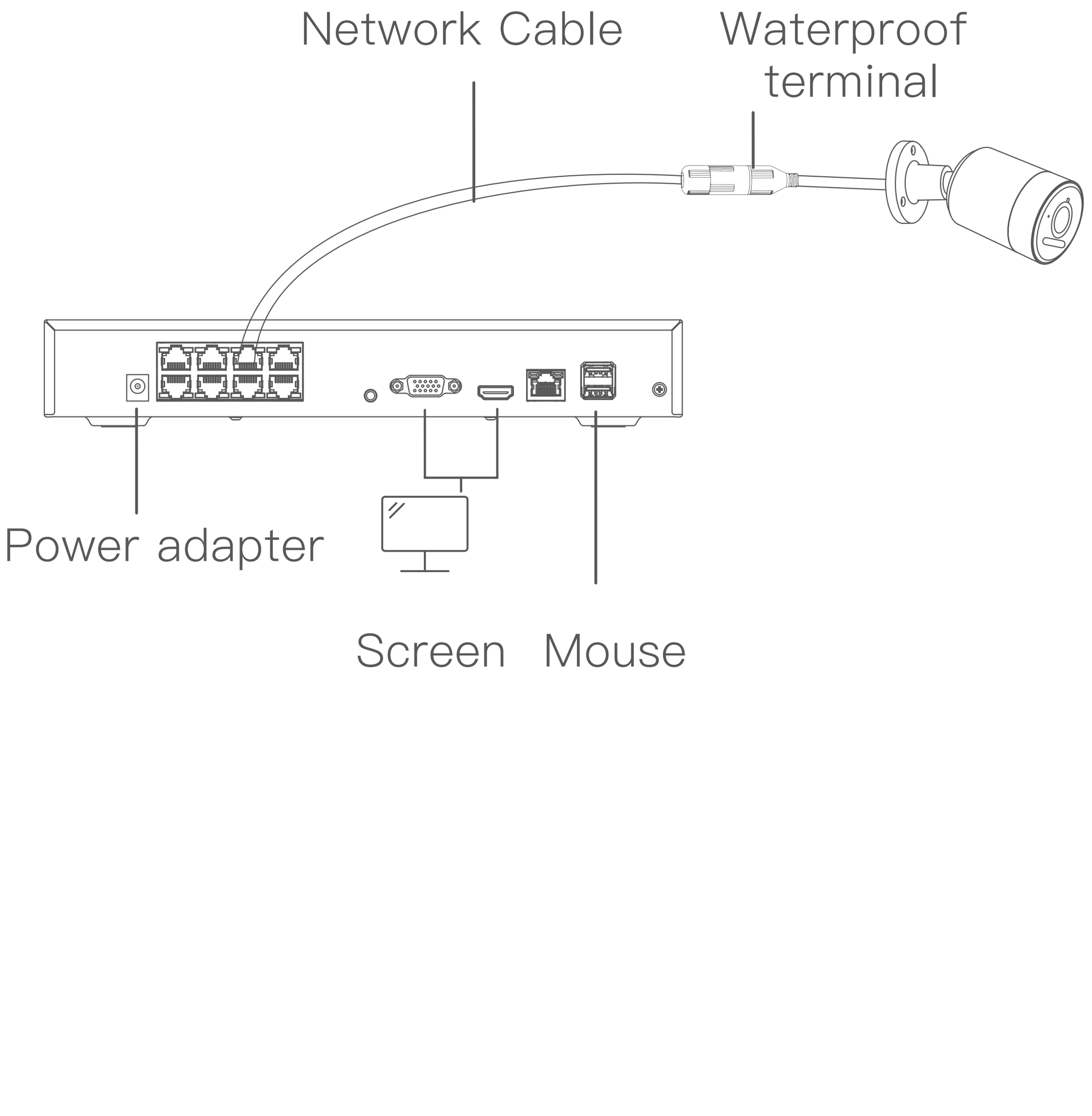


Note

If you deleted the PoE camera in the camera channel by mistake, you can re-add the device by the following two methods:

Method 1:

① Click “Setting > IP Camera” to enter the interface.

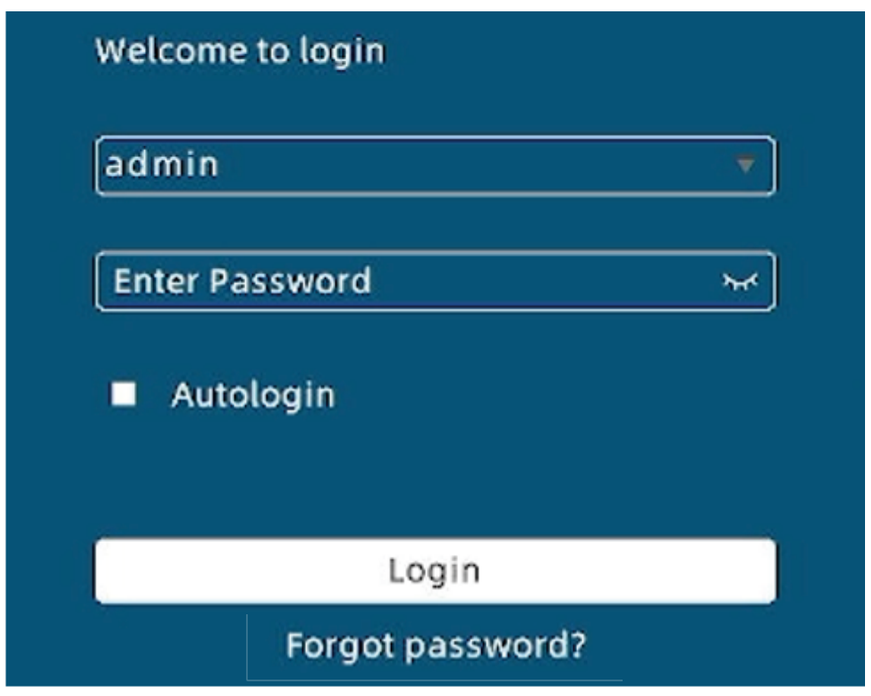
② Click “Online Devices” to search for mistakenly deleted online devices. Select the desired camera and click “Add”.

Method 2: Re-plug the camera network cable on the PoE terminal.

Forgot Password

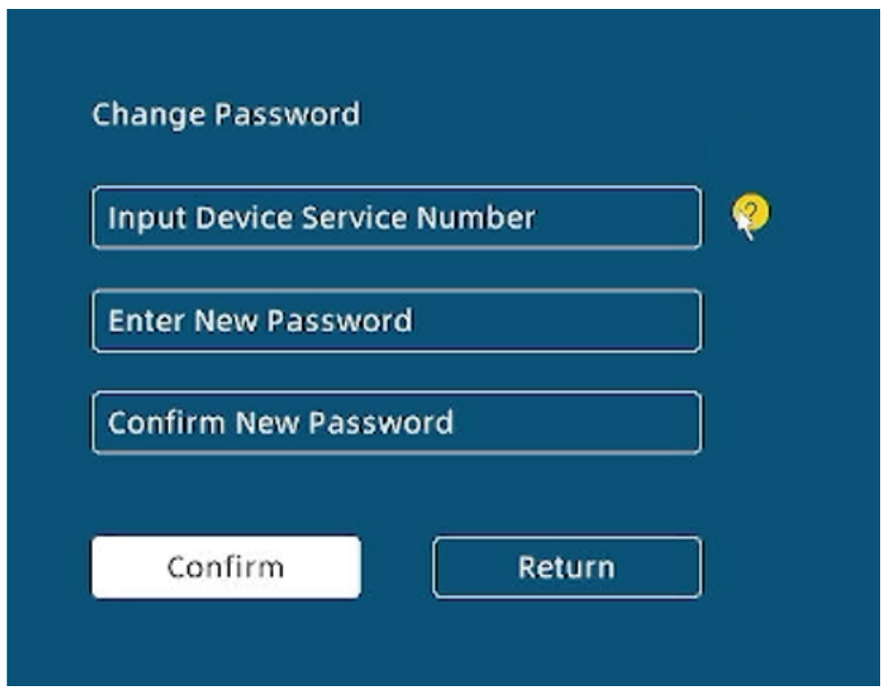
If you forget the login password, follow the steps to reset:

① In the login screen, click Forgot password ? to enter the change pass word interface.



② Enter the device service number of the NVR, and enter the new password. Click Confirm to save the operation.

(Note: You can get the device service number from the bottom of the NVR body.)



③ Login with the new password.

NVR Preview

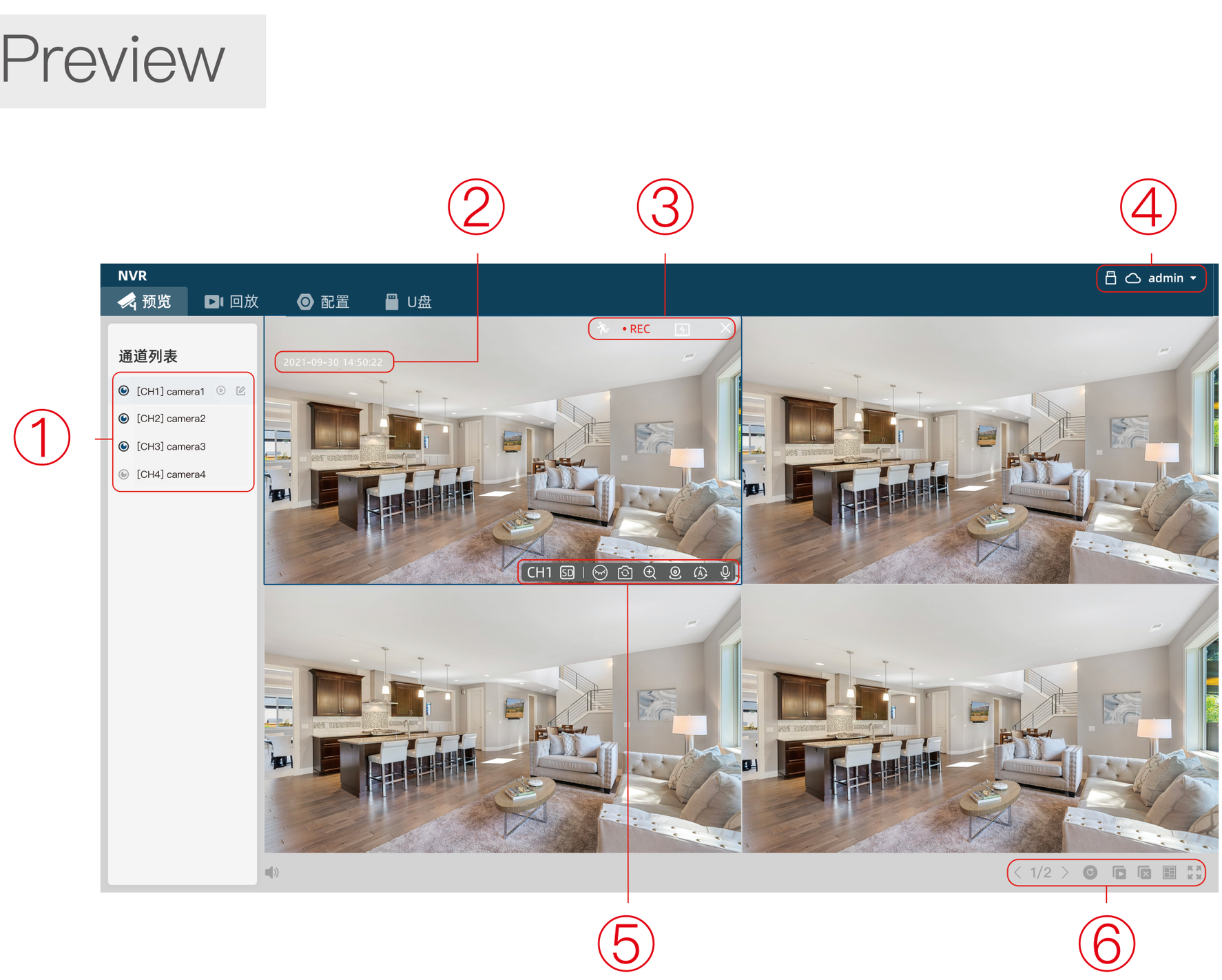
Open Preview

Method 1: Drag the camera in the channel to the split screen.

Method 2: Select a camera in the channel list and click the Preview icon next to the device name.

(Click the Edit icon to change the camera device name)

Preview



① Channel list of connected cameras

② Current date and time

③ Status bar of selected camera

④ Status bar of NVR

⑤ Navigation bar of selected camera

⑥ Navigation bar of preview

Status bar of selected camera

	Trigger motion detection
• REC	Recording
	Camera supports PoE
	Close the preview of the current camera

Status bar of NVR

	U disk inserted
/	NVR cloud status
	Indicates that the NVR has not been added to the App, or it is offline
	Indicates that the NVR has been added to App and is in normal use
admin	Click the drop-down arrow to operate the NVR account

Navigation bar of selected camera

CH1 View the channel number of selected camera

SD View the current resolution. For viewing on 1 or 4 screens, the default is to use the main stream; for 6 or 8 screens, the first large screen uses the main stream, and others are sub streams.

Turn on or turn off the privacy mode (if camera supports the function)

Click to flip the screen

Use the mouse wheel to zoom in or zoom out

Click to adjust the PTZ angle (if camera supports the function)

Click to switch mode between Day and Night

Turn on or turn off the microphone of camera

Navigation bar of preview

Turn on or off voice, and adjust volume

1/2 Click to display different camera screens

Click to start switching the previews every 10 seconds

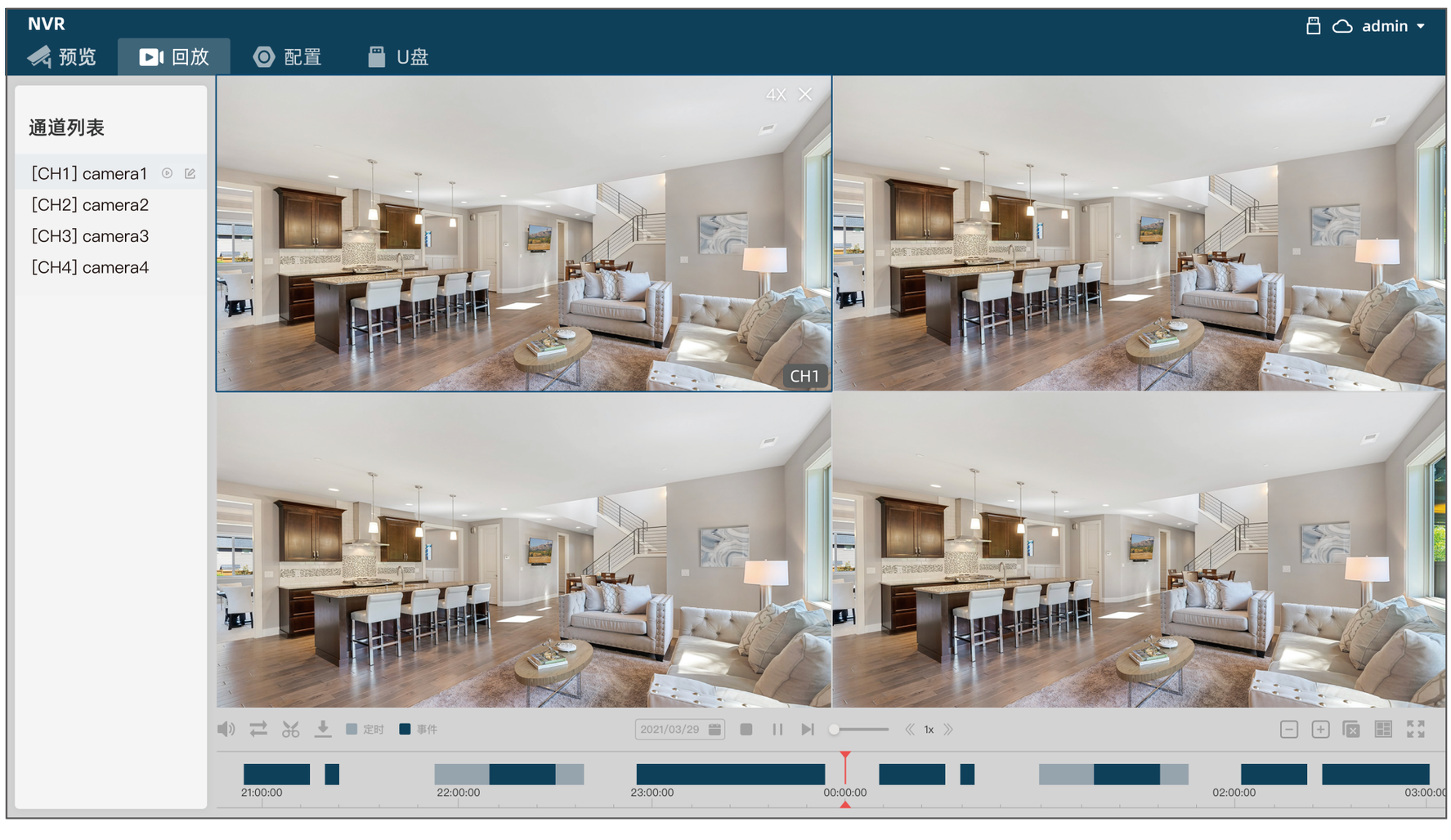
Open previews of all cameras

Close previews of all cameras

Select split style of camera screens

Display the selected camera with full screen

NVR Playback



Turn on or off voice, and adjust volume

Turn on synchronous playback (All screens play videos of the same time period)

Click to clip video and drag clip box to select video length

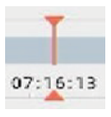
Download the clipped videos in MP4 format (Please insert U disk first)

定时 事件 Icons of different recording types

2021/8/19 Click to select date with recordings

Stop/Play playback

1x Adjust playing speed. Drag to adjust speed, click » to speed up , click « to speed down



Drag to control the time bar of recordings. Click − to zoom out progress bar, and click + to zoom in progress bar

Close playbacks of all cameras

Select split style of camera screens

Display the selected camera with full screen

NVR Settings

General setting & Time setting

Click **Settings** > **General** to enter the interface.

① Change language: Click the down arrow of language and select the needed language.

② Adjust resolution: Click the down arrow of resolution and select the needed resolution.

③ Time settings: Click the down arrow of items to select time zone, date format and time system format. And you can turn on Time Sync function to synchronize the time and date of the time zone, or you can adjust date and time by manual.

Network setting

Click **Settings** > **Network** to enter the interface.

Set up Network: Select static IP or Dynamic IP according to network environment.

Storage setting

Click Settings > Storage to enter the interface.

① Record setting: You can select to turn on Overwrite old or All Day mode. Constant is when the HDD is full, start to overwrite the recording from the very first frame; All day is to record video throughout the day. And you can set up expiration time of playback. Recordings that exceed the expiration time will be automatically deleted.

② Disk setting: You can view the usage of HDD, or format it when needed.

Camera Channel Management

Click Settings > IP Camera to enter the interface.

① Add camera: You can add devices by manual, or search for online devices on the same network segment.

- By manual: Click “+” to add camera and fill in the camera information.
- Search for online device: Click to search for online devices on the same network segment, and the searched devices will be displayed. Click the needed camera, click Add, and then input user name and password.

② Modify camera: Click to modify camera name, address, protocol, port, user name or password.

③ Delete camera: Select the camera, and click or to delete camera.

④ Upgrade camera: Put the latest firmware into the USB device, and insert the USB to the NVR. Click the icon to find the latest firmware, and follow the prompts to upgrade.

Camera Setting

Click Settings > Camera Settings to enter the interface.

You can select the camera channel and stream in this screen. You can also set functions such as motion detection and light mode. (Some channels support functions such as sound detection, sound and light alarm. Please select the channel according to the actual situation.)

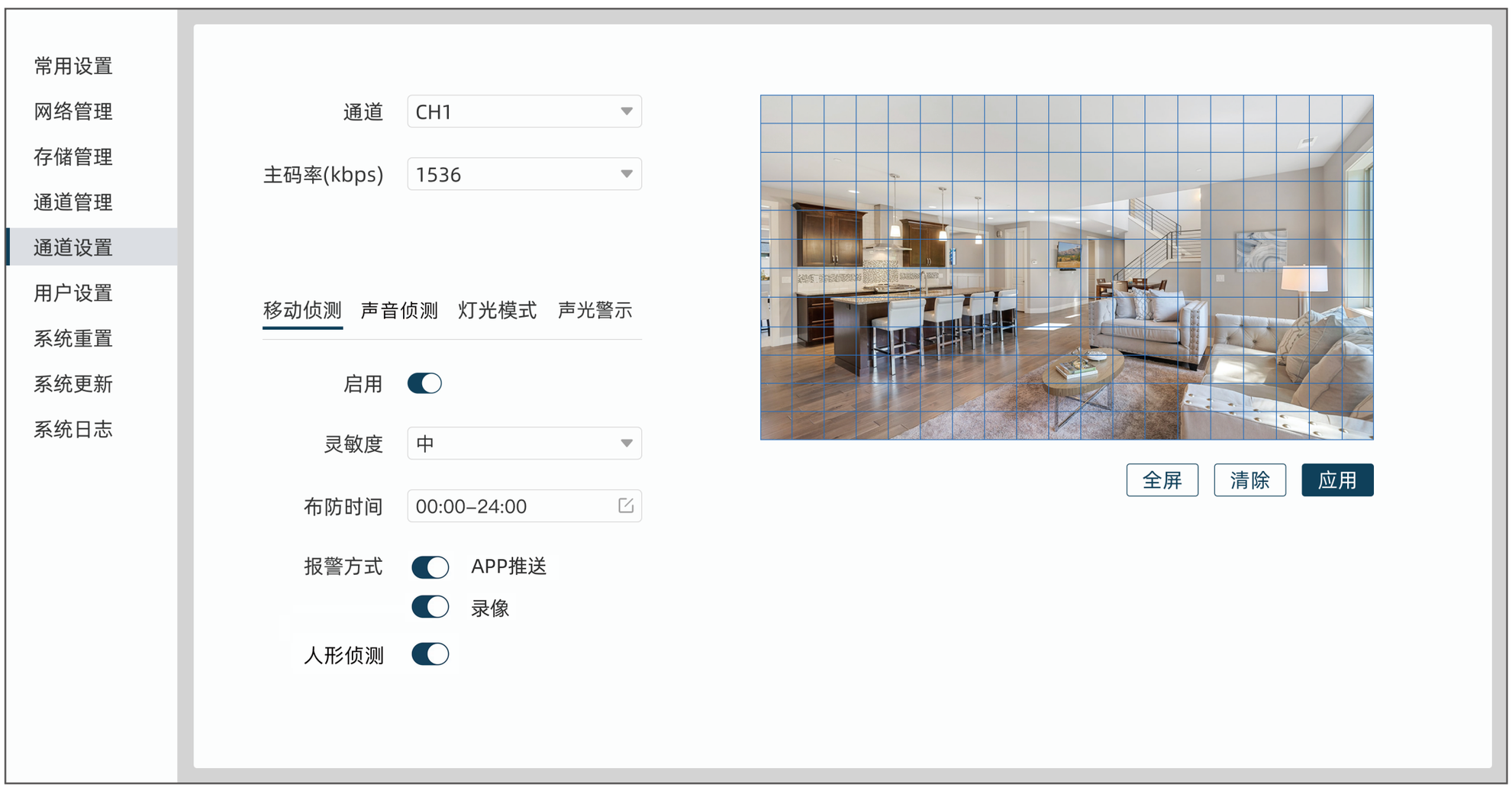
① Set up camera: You can select camera channel, set up bitrate of main stream and select video encoding format.

② Motion detection: You can enable the function, select sensitivity and alarm type, and set up defence time. You can also set up defence area. Click the left mouse button and drag to draw the wanted area. Click Apply to save.

③ Sound detection: You can enable the function, select sensitivity and alarm type, and set up defence time. Sound detection adds an extra dimension to active incident management by catching audible indicators of imminent threats.

④ Light: You can select supplement light mode if your cameras support this function. This function is only available during evening.

⑤ Audible alarm: When the camera triggers the alarm, it will make sound and light alarm.



User setting

Click Settings > User to enter the interface.

You can add or delete users, and assign user authorities.

Default setting

Click Settings > Default to enter the interface.

You can set up auto reboot time, restore to default settings (all parameters except channel settings are restored), or restore to factory settings (restore all parameters to default settings.)

System setting

Click Settings > System and Upgrade to enter the interface.

① View system info: You can view device information.

② Upgrade NVR: Put the latest firmware into the USB device, and insert the USB to the NVR. Click the Check Upgrade to find the firmware, and follow the prompts to upgrade.

Connect to the App

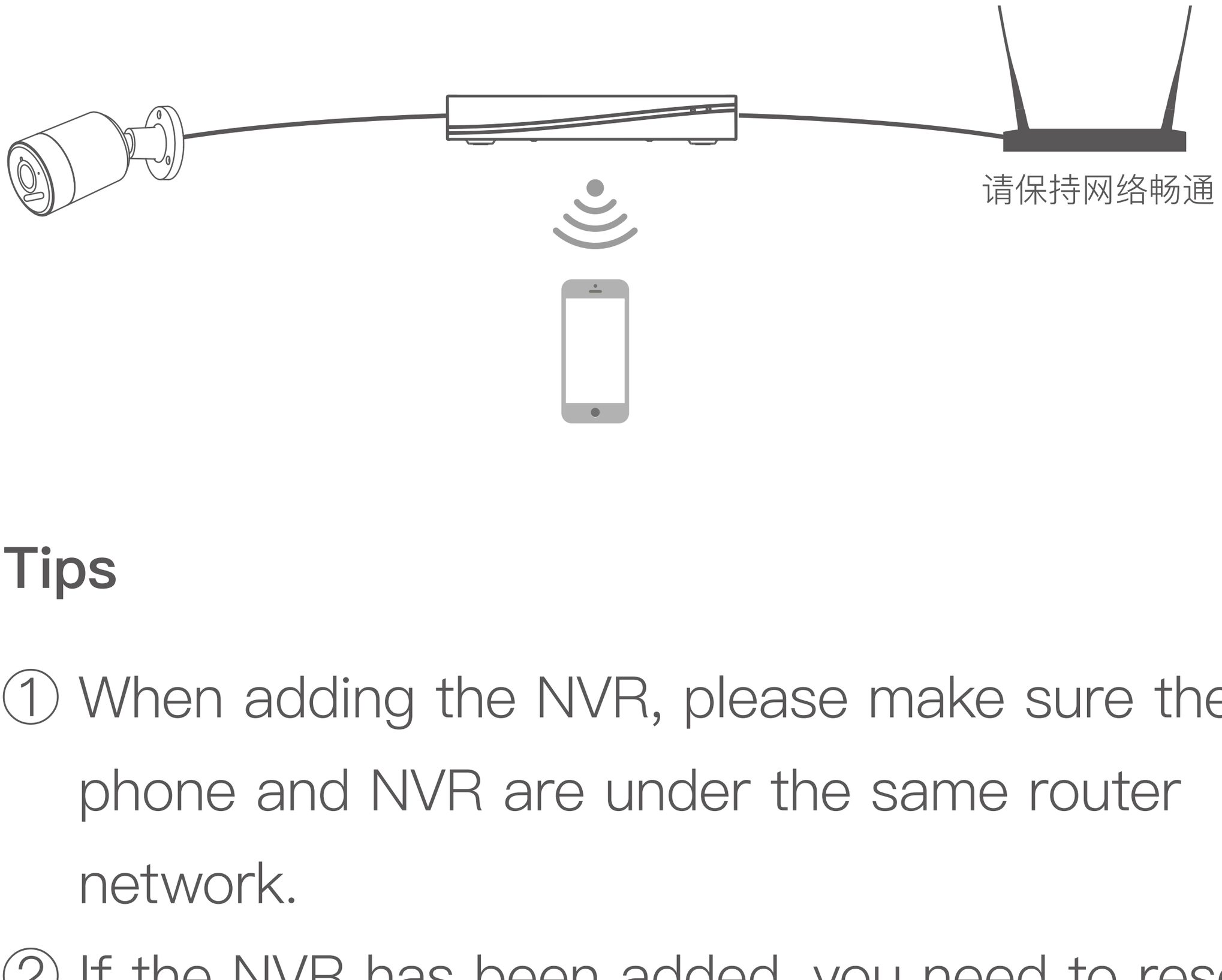
① Scan the QR code below with your mobile phone, download “ORVIBO Home” App and register account.

ORVIBO Home

② Power on the product and the NVR automatically turns on. The status indica tor turns red and blinks when the NVR is ready.

③ The NVR is connected to the router through the network cable, please prepare a suitable length of network cable according to the location of the NVR. Connect one end of the cable to the WAN terminal of the NVR, and the other end to the router that provides Wi–Fi for the phone.

④ Open the App and select “+”, according to the prompt of the App, manually add the device type and model or scan the QR code above and add the device to the App according to the prompt of the App guide (keep the phone, device and router under the same router network when mating). the App will automatically search for devices in the same network segment.



Tips

① When adding the NVR, please make sure the phone and NVR are under the same router network.

② If the NVR has been added, you need to reset the NVR first or delete the NVR on the previous account first. See Settings >> System Reset page for details of reset operation.

Parameters

Product Model	NVR108P
Camera Channel	8 Channels
Audio Output	1 Channel
Synchronous playback	4 Channels
Decoding Capability	Maximum 4 Channels @4MP
Video resolution	Maximum 4MP
Power input/ output	Input: DC48V ⎓1.35A / Output: PoE 48V
PoE Standard	IEEE 802.3at
Hard disk drive position	ATA terminal x1
Maximum capacity of single hard disk	Maximum 8TB
Working environment	Temperature: –10–50℃, Humidity: 10%–90%RH (No condensation)
Product Size	280×230×47mm

Warranty range and duration

One year warranty applies to most ORVIBO product unless other wise specified at the time of purchase.

Accessories included with the main device and batteries have a warranty of six months when buying used in ORVIBO products, the product warranty remains measured from the time it was bought by the original owner.

Any other promises made by dealers beyond the guarantee of ORVIBO, ORVIBO will not assume any liability.

The following cases do not belong to free repair scope and ORVIBO will provide paid services. Please note.

Fill to provide warranty card and related sales invoices.

Cleaning of product and wear loss under normal circumstances (such as natural loss of casing, inserting components, aging andwear.)

Any product failure or damage caused by installation, usage maintenance, and storage that are not in accordance with usage instructions.

Alter or tear up barcode on products or warranty card without authorization.

For those beyond change or warranty period.

Product serial number or type on warranty card does not match the product itself.

Without getting the permission of ORVIBO, change its inherent structure circuit privately, or dismantling or modifying without authorization.

Product damage caused by accident, human abuse/misuse, such as output short circuit, high–voltage input, overload work, high temperat– ure, water inflow, mechanical damage, broken serious oxidation or rusty and etc.

Damage caused by transportation loading and unloading on the way of return for repair.

Product failure or damages caused by force majeure such as earthquake, fire, flood lightning and so on.

Product failure or damaged caused by any problem other than product design, technology, manufacturing, quality and others.

Accessories are not included in free repair scope.

This regulation shall come into effect since the issuing date. ORVIBO will keep the final interpretation right and revise.

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