

# NVR

## Quick Start Guide

Please read the Quick Start Guide carefully before using the product and keep it.

Related tools and documents of products, please download from [www.herospeed.net](http://www.herospeed.net).

## 1 Statement

- This manual is applicable to NVR DB/D/K/H/PG/L/DP/DB-P/KP/HP housings series products.
- This manual may contain some contents that are technically inaccurate or inconsistent with product functions and operations or wrongly printed. The contents of this manual will be updated according to the enhancement of products without prior notice.
- If the description of product in the manual does not match with the actual object, please prevail in kind.

## 2 Safety Precautions

- The equipment should be installed in a well-ventilated environment. During installation, please keep proper space from the ground to make sure the great heat dissipation of the machine. Do not block the ventilation holes of the equipment, stay away from heat sources and avoid high temperature environment.
- The device should be installed horizontally, to avoid the installation in a strong vibration position.
- This device is not waterproof. To avoid fire or other hazards caused by short-circuit, shall prevent the device from getting wet.
- Please use the hard disk recommended by the manufacturer (generally recommend monitor level hard disk of Seagate and Western Digital) to meet the requirements of long time reading and writing of big data. Please buy from qualified channels to ensure the quality of hard disk.
- This product can not withstand heavy loads. Do not place heavy objects or multi-layer overlays on this product.
- NVR installation and construction must meet the specifications, may refer to the relevant national or local standards.

## 3 Hard Disk Installation

### NOTE :

1. Make sure the power is off before installation.
2. The following pictures and installation diagrams for reference only, subject to the available products.

### ■ Hard disk installation guide for NVR PG/PGP series

- (1) Unscrew the screws and remove upper cover.
- (2) Align the hard disk screw holes to the chassis backplane, and then tighten lock the screws.



- (3) Connect one end of the hard disk power cable and data cable to the motherboard and the other end to the hard disk.



- (4) Install the cover and fix it by screws.



### ■ Hard disk installation guide for NVR DB/D/K/H/DP/DBP/KP/HP series

- (1) Unscrew the screws on the back and sides of the chassis and remove the cover.
- (2) Connect one end of the hard disk power cable and data cable to the motherboard and the other end to the hard disk.



- (3) Align the hard disk screw holes to the chassis backplane, and then tighten lock the screws.



- (4) Install the cover and fix it by screws.



### ■ Hard disk installation guide for NVR L series

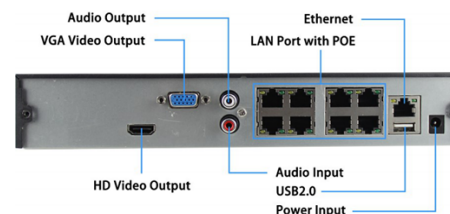
- (1) Unscrew the back panel screws and take off the cover.



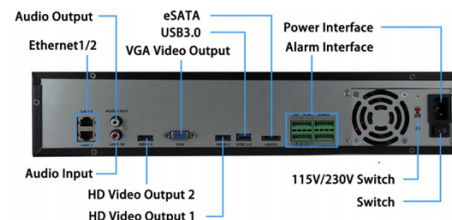
- (2) Remove the hard disk rack.
- (3) Install the hard disk to the rack from top to bottom.
- (4) Fix the hard disk by screws.
- (5) Install the rack and fix it.
- (6) Connect the hard disk power cable and data cable.
- (7) Install the cover and fix it by screws.



### ■ 8-ch PoE NVR rear panel interface



### ■ General NVR rear panel interface



### NOTE:

1. PoE NVR rear panel interface is similar with above picture, but the product appearance, including buttons, interfaces and layout, for reference only, please prevail in kind.
2. General NVR rear panel interface and the map is similar with above picture, but no PoE port. There may exist difference about buttons, interfaces and layout. Please prevail in kind.

## 4 Local Basic Operation

### ■ Boot up

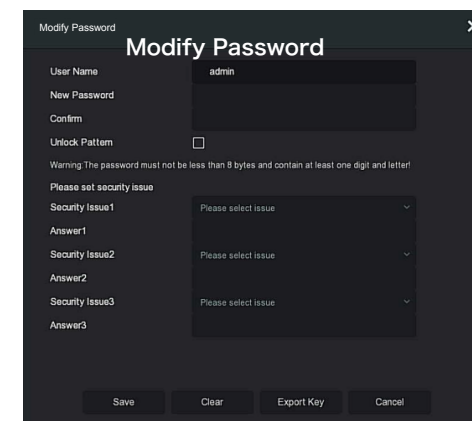
Make sure the input voltage matches the NVR consumption. Connect the device to the monitor and to the power adapter (if available). Plug in the power, switch on the power button (if available), then the device boot up.

### NOTE:

1. It is recommended that you refer to international standards for power supply input with stable voltage values and low ripple interference.
2. You should reset the device administrator password (the system default username is "admin" and the password is "12345") when booting for the first time. To ensure the security of the device, please save the admin login password and modify it regularly.

### ■ Modify Password

Step 1: After the device is powered on, select the system language, click "Apply", enter the password, click "Login", click "Modify" to enter the Modify Password interface.



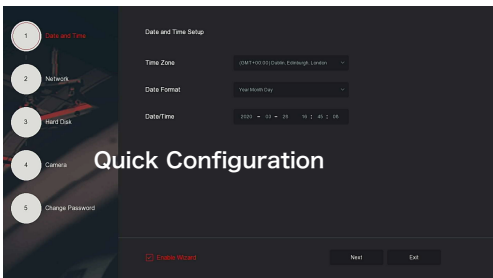
Step 2: Enter the new password and confirm password, tick off the "Unlock Pattern" to draw twice the consistent unlock pattern consisting of 4-9 points.

Step 3: Set the security question, select the security question 1, 2, 3 by the pull-down operation, and set the answer to the corresponding security question.

Step 4: Insert the USB flash drive into the device, and click "Export Key > Confirm > Save". The password is changed.

### ■ Quick Configuration

After the device is power on, the user can configure the system time, network parameter configuration, format hard disk, channel addition and other parameters of the device through the Wizard.



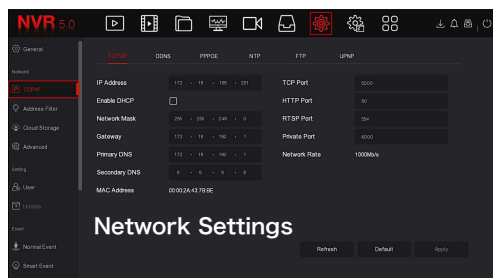
#### NOTE:

The hard disk must be formatted when installing it for the first time.

### ■ Network Settings

Network parameters must be properly configured before operating the device over the network.

Step: On the preview interface, right-click to enter the menu, and click " " > TCP/IP " to enter the TCP/IP interface. Modify the IP address of the device according to the actual network plan. (The default IP address of the NVR.& PoE NVR is 192.168.1.88).

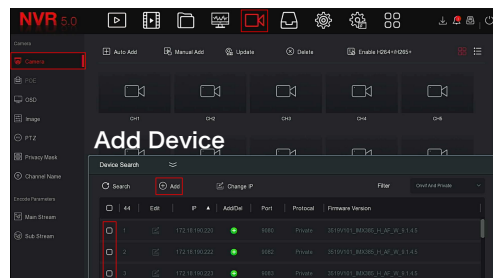


### ■ Add IP Device

Before accessing the IP channel, make sure that the NVR network connection is correct and valid.

Step 1: On the preview interface, right-click to enter the menu, and click " " to enter the Camera interface.

Step 2: Add IP camera automatically or manually. Automatically added, click "Auto add" button. Manually added, click "Search", the Device Search interface automatically searches for the devices in the LAN with the "Onvif And Private" protocol (if using our IP camera, recommend selecting "Private"), select the IP device to be added, and click "Add".



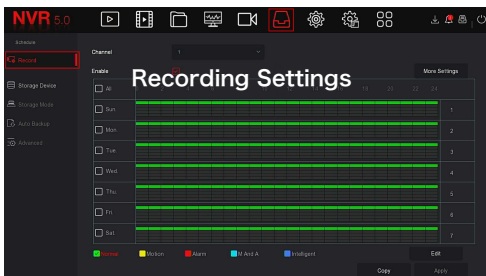
### ■ Recording Settings

#### NOTE:

NVR opens all channels for 24 hours of normal recording by default.

Step 1: On the preview interface, right-click to enter the menu, and click " " to enter the Record interface.

Step 2: Select the channel and recording type according to the actual needs. Hold down the left mouse button and drag the mouse in the time period diagram or click "Edit" to set the recording schedule, and click "Apply" to save.



### ■ Playback

#### ◇ Instant playback

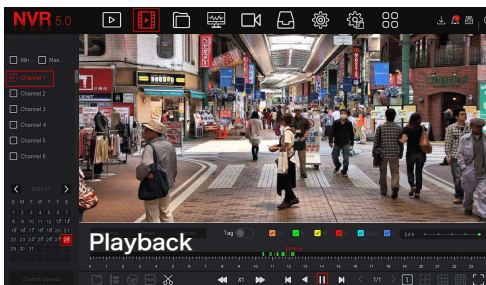
Step 1: On the preview interface, click the preview channel, the control bar will pop up below the channel.

Step2: Click " " to enter the instant playback interface, can play the first 5 minutes of the current channel video.

#### ◇ Video playback

Step 1: On the preview interface, right-click to enter the menu, and click " " to enter the Playback interface.

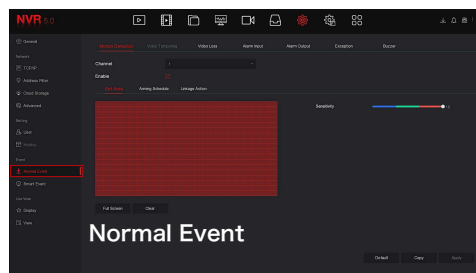
Step 2: Select "Channel > Date", the searched video is displayed on the time progress bar, click " " to start playing the video.



### ■ Normal Event

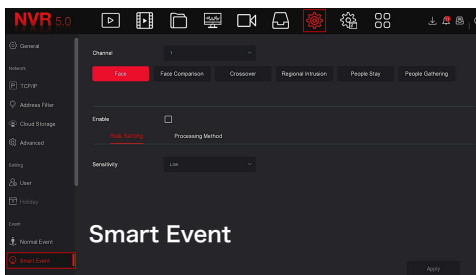
Step 1: On the preview interface, right-click to enter the menu, and click " " > Normal Event" to enter the Motion Detection interface.

Step 2: Choose "Event Type > Channel > Enable" and set the corresponding alarm parameters. The device's normal event alarms include Motion Detection, Video Tampering, Video Loss, Alarm Input, Alarm Output, Exception, and Buzzer.



### ■ Smart Event

Step 1: On the preview interface, right-click to enter the menu, and click " " > Smart Event" to enter the Smart Event-Face interface.



Step 2: Select the smart event alarm mode for setting the channel. Smart event alarms supported by the device include Face, Face Comparison, Crossover, Regional Intrusion, People Stay and People Gathering. Each smart detection can be configured with different alarm rules.

#### NOTE:

1. Only IPC channels that support smart functions such as face detection and face comparison can set smart event function on this interface.
2. Each channel of a smart event can set up to 1 face detection rule, 4 crossover detection rules, 4 regional intrusion rules, 4 people stay detection rules, and 4 people gathering rules.

## 5 WEB Operation

Step 1: Make sure the NVR and PC are in same network segment. open the 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, enter "http:// 192.168.1.88:89/") to enter the login interface.

Step 2: Select the lanuage, enter the user name (default is "admin"), password (default is "12345"), and click "Login".

Step 3: In the preview interface, click "Play" to preview the video. The first time you connect, you need to download and install the plugin, and then preview it. .

#### NOTE:

When the browser fails to enter the device login interface, open IE browser, select "Tools > Internet Options > Security > Custom Level > ActiveX controls and plug-ins", all options are enabled.

## 6 iVMS320 Operation

Step 1: Open the IE browser and login to"http://www.hero-speed.net/".

Step 2: Click "PC Client" > "iVMS320 (Windows)" or "iVMS320 (Mac)" to download the latest version of the video management system [iVMS320].

Step 3: Follow the prompts to complete the installation and add devices for viewing and management.

## 7 Mobile App Operation

Use the phone to scan the QR code or search "BitVision" from the application store to download and install the BitVision App.



After registering and logging in, you can add devices for remote viewing and device management.

## 8 Disclaimer

The following exemptions or limitations of liability, please pay special attention to:

1. As a result of the following reasons, if the product interrupts or terminates the service for any of the following reasons, the company shall not be liable for personal injury or property damage to you or a third party. Failure to install or use properly as required; for the sake of national or public interest; force majeure; your own or third-party reasons (including but not limited to the use of third-party products, software or components, etc).

2. The company has not expressed or implied that this product is applicable to special purpose. This product may not be used in medical / safety equipment or other applications where there is a breakdown of the product that could result in life-threatening or personal injury, as well as hazardous or non-humanitarian hazards such as weapons of mass destruction, biological and chemical weapons, nuclear explosions or any unsafe use of nuclear energy use. Any loss or liability arising out of the above use will be at your own risk.

3. This product, when properly installed and used, can detect unauthorized intrusion during a particular delight but can not avoid accidents or personal injury or property damage. In your daily life, you should be vigilant and strengthen your safety awareness.

4. The Company is not responsible for any indirect, incidental, special punitive damages, claims, loss of property or loss of any data or documents. To the maximum extent permitted by law, the liability for compensation of company is not exceed than the amount you paid for this product.