



# User Manual

Video Management Server  
BP-VMS-500



*Enjoy it.*

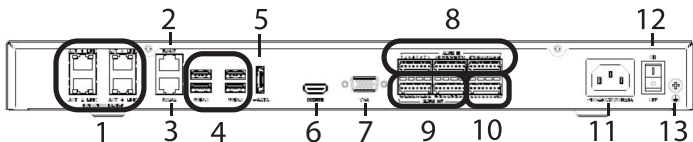
# 1 Factory Default Settings

IP address	192.168.1.60
Username	admin
Password	123456 <b>Note:</b> The default password is only intended for the first login. For security, you are strongly recommended to set a strong password with more than 8 characters including letters, digits and symbols.

# 2 Indicators

Indicator	Status
RUN (Operation)	Steady on: Normal.
	Blinking: Starting up.
ALM (Alarm)	Steady on: Device alarm.
NET (Network)	Steady on: Connected to network.
HDD (Hard disk)	Off: No hard disk, or disk is not connected to power.
	Steady on: No data reading or writing.
	Blinking: Reading or writing data.

### 3 Interfaces



No.	Description
1	Network interface, used to connect an Ethernet network switch.
2/3	RS485 and RS232
4	USB3.0, used to connect USB devices such as USB flash drive, USB mouse and USB keyboard.
5	Used to connect an e-SATA disk.
6	HDMI output, used to connect the HDMI interface on a display device.
7	VGA output, used to connect the VGA interface on a display device.
8	24-channel alarm input, used to connect alarm devices such as a magnetic door sensor.
9	8-channel alarm output, used to connect alarm devices such as an alarm siren or alarm lamp.
10	GND. The 12V (rightmost pin) is the power output.
11	220V AC power input.
12	Power switch.
13	Grounding terminal.

## 4 Installation

Please follow the steps if disk installation is necessary. The illustrations are for reference only.

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### NOTE!

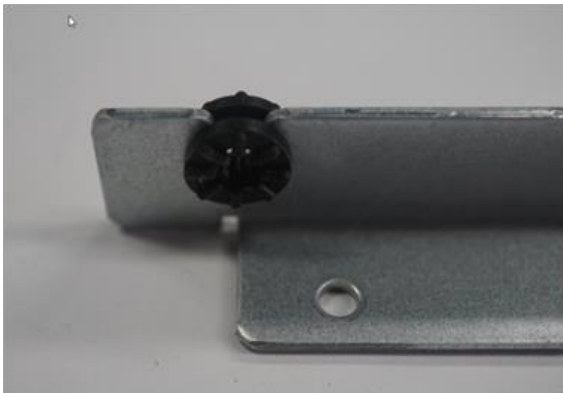
- Please use the SATA disks recommended by the manufacturer.
  - Disconnect power before installation.
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### 4.1 Preparation

- Prepare a PH2 Phillips screwdriver.
- Prepare an antistatic wrist strap or antistatic gloves during the installation.

### 4.2 Disk Installation

1. Loosen the screws on the rear panel and side panel and remove the upper cover.
2. Attach the 4 gaskets on the brackets.



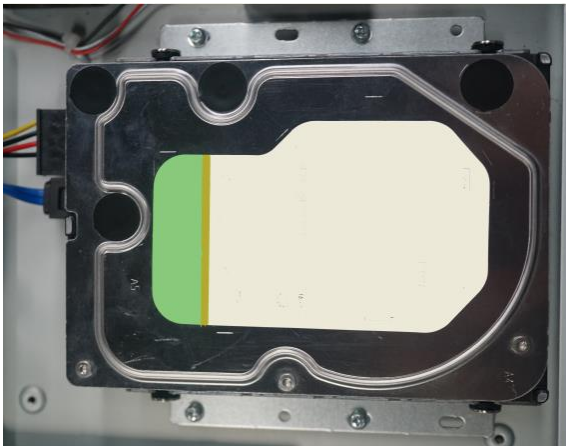
3. Secure the disk on the brackets by using 4 fixing screws.



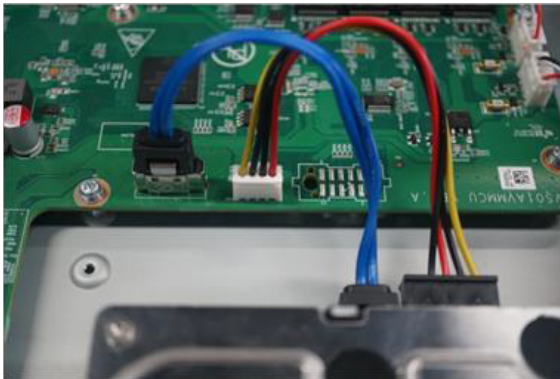
4. Connect one end of the data cable and power cable to the hard disk.



5. Place the disk in the chassis and secure it with 4 fixing screws (M3\*5).



6. Connect the other end of the data cable and power cable to the motherboard.



## 4.3 Rack Mount

Install the device on a well grounded and securely installed rack. First install two mounting brackets on the device, and then secure the device on the rack by threading screws through the holes on the mounting brackets.

## 5 Startup

Please prepare a monitor and a keyboard.

Connect the monitor, mouse, keyboard and then power. Turn on the power switch on the rear panel. The startup takes a while. Please wait patiently.

## 6 Login

When the device is started, the login page appears. Use the default username **admin** and default password **123456** to log in to the software client. The software client is mainly used for service operations. Click the help link in the top right corner for help information.

When logged in, you can click the Web icon in the top right corner to access the Web client. The Web client is mainly used for management and configuration purpose.

Click the toolbar at the bottom to switch between the software client and Web client.

## 7 Restart

Right-click on the software client and then choose **Restart**, or access the Web client and click **Restart** on **System Configuration > Maintenance > Maintenance**.

## 8 Shutdown

Use the power switch on the rear panel to shut down the device.

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## About This Manual

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions, features, etc, of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
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## Network Security

### **Please take all necessary measures to enhance network security for your device.**

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit our official website or contact your local dealer for the latest firmware.

### **The following are recommendations for enhancing network security of your device:**

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.

- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

## Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

### Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed on a rack before use. Mounting brackets must be used to secure the device on the rack.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.

- Do not remove the seal from the device body without consulting our company first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.
- Make sure the device is permanently connected to a protective earthing conductor that is installed to building earth by a skilled person.
- Please get the power supply cord connect to a socket-outlet earthing connection.

#### **Power Requirements**

- Installation and use of the device must be in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

#### **Battery Use Caution**

- When battery is used, avoid:
  - High or low extreme temperatures during use, storage and transportation;
  - Extremely low air pressure, or low air pressure at high altitude;
  - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
  - Replace battery with an incorrect type;
  - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery;
- Dispose the used battery according to your local regulations or the battery manufacturer's instructions.

#### **Avertissement de l'utilisation de la batterie**

- Lorsque utiliser la batterie, évitez:
  - Températures extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport;
  - Pression d'air extrêmement basse, ou pression d'air basse à haute altitude;
  - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
  - Remplacer la batterie par un type incorrect;
  - Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie;
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

## **Regulatory Compliance**

### **FCC Statements**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution:** The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### **LVD/EMC Directive**



This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

#### **WEEE Directive—2012/19/EU**



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

#### **Battery Directive-2013/56/EC**



Battery in the product complies with the European Battery Directive 2013/56/EC. For proper recycling, return the battery to your supplier or to a designated collection point.

For Inquiries, Please contact:

Security Shop  
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Tell: +381 11 318 68 68  
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