Edge Intelligent Server

Quick Guide

V1.01

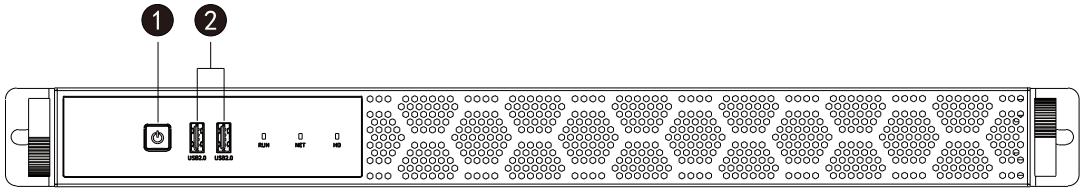
1 Packing List

The package contents may vary with device model and version.

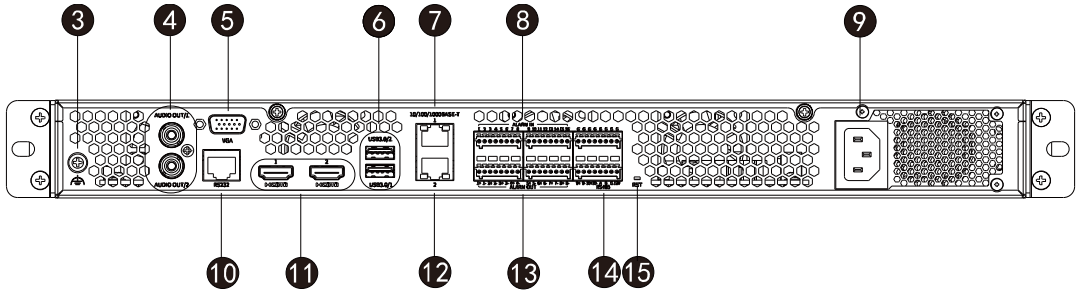
No.	Name	Qty	Unit
1	Device	1	PCS
2	Power cable	1	PCS
3	Screw components	1	Set
4	Grounding cable	1	PCS
5	Cable terminal	6	PCS
6	Product documents	1	Set

2 Interfaces

Front Panel



Rear Panel



Interface	Description	Interface	Description
①	Power on/off button	②	USB 2.0
③	Grounding screw	④	Audio output
⑤	VGA video output	⑥	USB 3.0
⑦	Gigabit Ethernet interface 1	⑧	Alarm input

⑨	AC power interface	⑩	RS232
⑪	HDMI	⑫	Gigabit Ethernet interface 2
⑬	Alarm output	⑭	RS485
⑮	Reset button	-	

3 Indicators

Indicator	Status	Description
RUN (operation)	Steady on	Device is operating properly
	Blinking	Device is starting up
	Off	Device hardware fault
NET (network)	Steady on	Connected to network
HDD (hard disk)	Off	Hard disk is normal
	Steady red	Hard disk is abnormal

4 Device Installation

4.1 Check Before Installation

1 Check Package Contents

Check against the packing list to ensure all components are complete before installation.

2 Check Installation Tools

Please prepare the following tools:

- Flathead screwdriver and Phillips screwdriver
- Antistatic wrist strap or gloves

3 Check the Installation Site

- The device must be installed indoors.
- The environment must meet lightning protection requirements, with appropriate lightening protection devices if necessary.
- The device must be properly grounded through its grounding terminal.

4.2 Install the Device

Install the device in a standard 19-inch rack or on a clean tabletop or workbench.

4.2.1 Install the Device in a Rack

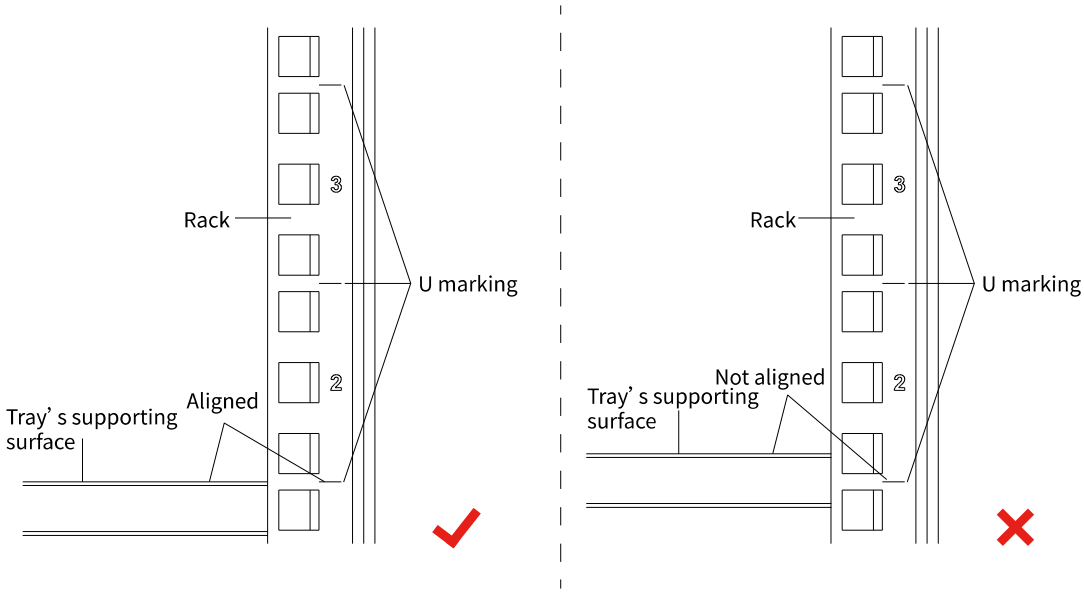
Before installing the device in a rack, ensure that the rack meets the following requirements:

- The rack is stable and properly grounded.
- The rack is firm enough to hold the weight of the device and cables.
- There are no obstacles in and around the rack that may affect installation.
- Glass doors are forbidden.
- The rack is fixed on the ground. Casters are forbidden.

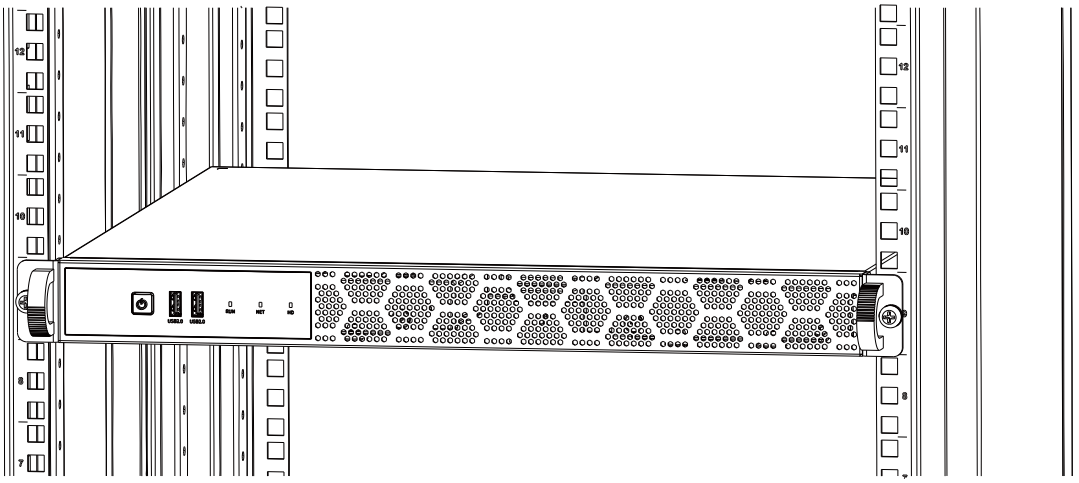
Plan the space and position in the rack appropriately according to device height (1U) and quantity. Start installation from the allotted space that is closest to the bottom of the rack. If the rack comes with a tray, it is preferred to use the tray. If there's no tray, you can purchase rack-mounted sliding rails; it is prohibited to rely solely on rack mounting brackets to support the device's weight.

Installation Steps

1. Align the supporting surface of the tray with the "U" marking on the rack, then use screws and nut accessories to secure the tray to the rack.



2. Smoothly push the device into the rack along the tray, ensuring that the device's bottom is stably supported by the tray without any tilting. When the device is in contact with the rack at the rack mounting brackets, use M6 screws to secure the rack mounting brackets to the square holes of the rack.



4.2.2 Install the Device on a Tabletop

Place the device on a clean tabletop or workbench if a standard 19-inch rack is not available.

Before installation, check the following items:

- The tabletop or workbench is firm enough to bear the weight of the device and cables.
- The tabletop or workbench is stable and well grounded.
- Allow at least 30cm space at the front and back sides and at least 10cm space at the left and right sides of the device for heat dissipation.
- Do not stack the device or place any items on it.

4.3 Connect the Grounding Cable

WARNING!

To prevent bodily injury and device damage, make sure the device is properly grounded.

The grounding impedance shall be less than 5Ω, and the length should not exceed 30 meters.

Connect one end of the grounding cable to the grounding terminal of the device and the other end to a reliable grounding point (such as the grounding bus in the data center).

5 Startup

Plug one end of the power cable into the power interface of the device and plug the other end into the mains power supply to start up the device.

CAUTION!

- Press and hold the ⏻ button on the front panel to power off; press once to power on.
- Do not disconnect power during the system is operating or shutting down.

6 Web Login

Default IP address
192.168.1.30 (network interface 1)
192.168.2.30 (network interface 2)
Default username/password
admin / 123456

Note:

For security, please set a strong password of at least nine characters including uppercase and lowercase letters, digits, and special characters after your first login. It is recommended to change the password on a regular basis and keep it secure to ensure that only authorized users can access the device.

Disclaimer and Safety Warnings

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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 Uniview's 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.
- 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.

- **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.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

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 or placed on a flat surface to prevent falling.
- 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 Uniview 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.

Power Requirements

- Install and use the device 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:
  - Extremely high or low temperature and air pressure during use, storage and transportation.
  - 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 of 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:
  - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
  - 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.

Visit https://global.uniview.com/Support/Download_Center/Product_Installation/Declaration/ for SDoC.

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 Regulation- (EU) 2023/1542

Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.