

HYUNDAI

POE ETHERNET SWITCH

HYU-NE-SW-U4PF002

User manual



- Please read this manual carefully before using the product you purchase and keep it well for future use.
- Please note that images and sketch maps in this manual may be different from the actual product

Packing List

- ◆ PoE switch (1 PC)
- ◆ Installation kit (1 Set)
- ◆ AC power line (1 PC) (only for AC input models)
- ◆ User guide (1 PC)
- ◆ Warranty card (1 PC)

1. Safety Precautions

- To ensure the safety of people and equipment, when installing, operating, and maintaining the equipment, follow the signs on the equipment and the safety precautions described in the manual. “Warnings” and “notes” in this manual do not represent all safety precautions that should be followed and are only supplementary to safety precautions.
- When carrying out various operations of our equipment, we must strictly observe the relevant equipment precautions and special safety instructions provided by our company. The "safety warnings" listed in the manual only reflect the requirements of our company. The safety requirements have not been reflected, and our company will not bear any responsibility for the loss caused by the violation of the general safety operation requirements or the violation of the design production and use equipment safety standards.

2. Installation environment requirements

- Desktop, wall-mounted, and 19" in racked mounted.
- The temperature and humidity of the installation site must be kept within the normal working range. For the normal working temperature range and relative humidity range of PoE device products, please refer to the data sheet.
- Grounding is an important step in the installation process. The correct connection of the grounding cable is an important guarantee for the switch's lightning protection, high-voltage surge protection, interference protection, and static electricity damage.

3. Lightning protection requirements

- Do not use outdoor overhead wiring. The equipment may be damaged by lightning. Please use buried or steel pipe wiring.
- The switch must be grounded before turning on the power to ensure that the grounding resistance of the installation environment does not exceed 10Ω , otherwise the equipment may be damaged.

4. Product installation

Installation instructions

- ◆ Please select a suitable installation location or cabinet according to the installation method of the PoE switch (Rack-mounted installation is suitable for national standard 1U/19 inch cabinet)
- ◆ When installing the switch, you need to use the matching mounting ear accessories and screws.
- ◆ Please wear protective gloves when installing.
- ◆ It is forbidden to install the switch with power on.
- ◆ The exterior paint decoration of the switch should be kept intact. If there is any paint drop, the paint part needs to be touched up immediately to prevent corrosion.

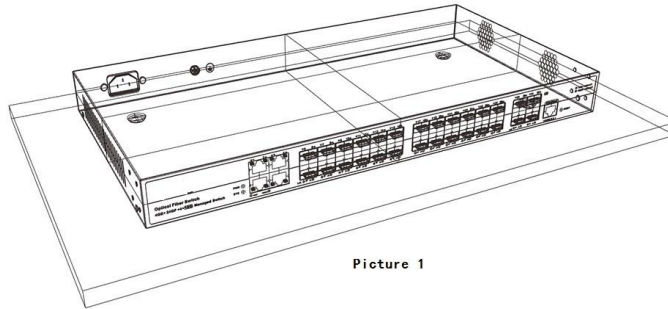
Installation preparation tool

- ◆ Labor protection gloves
- ◆ Plum screwdriver
- ◆ Flat screwdriver

Installation steps

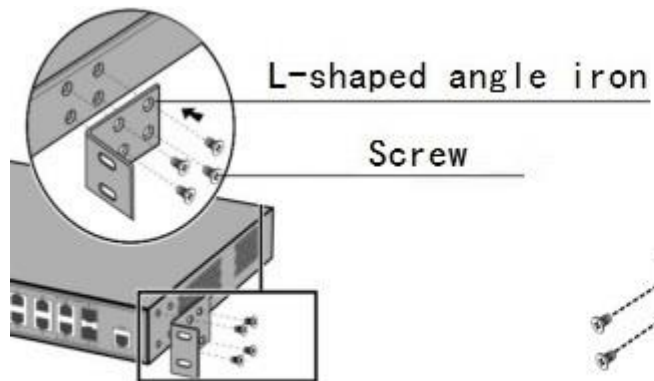
■ Desktop installation

Step 1: As shown in picture 1, lay the PoE injector flat on the desktop, and ensure that at least 10cm of space is reserved on both sides of the vent of the PoE injector so that the PoE injector can be well ventilated and cooled.

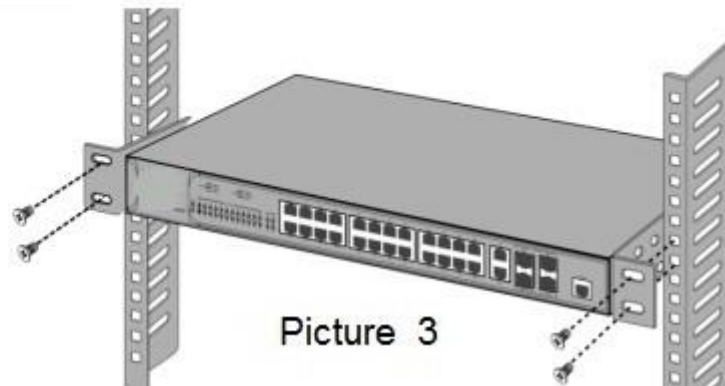


Picture 1

■ Rack installation



Picture 2



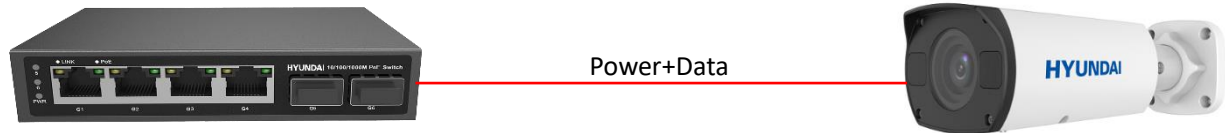
Picture 3

Step 1: As shown in picture 2, first fix the brackets on both sides of the machine with screws.

Step 2: As shown in picture 3, put the machine into a suitable position in a standard 19-inch cabinet, and then fix it on the rack.

5. Connect the switch

- Connect the switch power line to the power supply.
- PoE can be directly connected to the PoE product.
- The grounding wire needs to be prepared by the user and connected properly to ensure that the PoE switch meets the requirements for safe use.



Terminal are defined as follows

- ⚠ ▲ The AC power supply must be disconnected when installing and removing the switch and the power line. Live operation is prohibited to avoid personal injury.

6. Check after installation

- Check whether the mounting parts (hanging ears) are firm and whether the screws are tightened.
- Check whether the polarity of all cable connections is correct, whether the connection is firm and reliable, and ensure that there is no short circuit.
- Check whether there are screw holes without screws and whether the screws of each module are firm.
- Power on and check. Whether the industrial switch has completed the self-check process normally, and whether the indicator of the connected port is normal.

7. Indicator and button function table

Symbol	Indicator Function	State	Description	Colour
PWR	Work indicator	On	Normal	Green
		Off	Switch no power supply or failure	
PoE	PoE	On	Normal power supply	Green
		Blink	PD device failure or power overload	
		Off	No connected PD or PoE power off	
Link	Network	On	Link is ok	Yellow
		Blink	The link port is receiving/sending data	
		Off	Link failure or port failure	
DC	DC power (PoE splitter/ PoE splitter cable)	On	Voltage output is normal	Green

HYUNDAI

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