HYUNDAI
ELECTRONICS

30W GIGABIT POE INJECTOR

HYU-NE-SW-POEINJ1001

USER MANUAL

GENUINE PRODUCT OF
HYUNDAI CORPORATION

First, 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 company. The "safety warnings" listed in the manual only reflect the requirements of company. The safety requirements have not been reflected and 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.

Description The figures in this document are for reference only. The appearance of the device is subject to actual delivery.

Second, the installation environment requirements

- Desktop, wall-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.

Third, 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.

Fourth, product installation

■ Installation instructions

- Please select a suitable installation location or cabinet according to the installation method of the PoE injector, PoE extender, Media converter and PoE splitter. (Rack-mounted installation for national standard 1U/19 inch cabinet)
- When installing the PoE injector, PoE extender, Media converter and PoE splitter. you need to use the matching mounting ear accessories and screws.
- Please wear protective gloves when installing.
- It is forbidden to install the PoE injector with power on.

■ Installation preparation tool

- Labor protection gloves
- Plum screwdriver
- Flat screwdriver

Fifth, Connect product

■ PoE injector connection diagram



- transceiver meets the requirements for safe use.

PoE extender connection diagram



PoE splitter/ PoE splitter cable connection diagram



Media converter connection diagram



- Before installing or removing the PoE injector or power supply line, the power must be disconnected, and live operation is prohibited to avoid personal injury.
- Ensure that the protective ground wire of the equipment is effectively grounded. All power cables must not have metal parts exposed in the air.

Sixth, 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.

Seventh, 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
		Blink	The connection load is too large	
		Off	No output from DC power supply or port failure	

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