HYUNDAI
ELECTRONICS

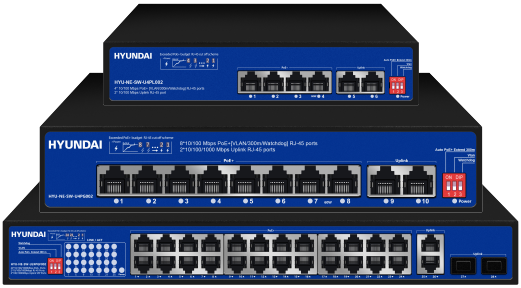
8-PORT FULL GIGABIT POE+ SWITCH

HYU-NE-SW-U8PG002

USER MANUAL

GENUINE PRODUCT OF
HYUNDAI CORPORATION

1- Product Overview





- The Hi-PoE 60W AI PoE Switch is designed for higher-powered PoE devices, such as PTZ Cameras, speed dome camera and other high power consumption devices. All of switches support 802.3at/af Power over Ethernet (PoE/PoE+), maximum PoE Output for specific port is 60W (compliant with af/at/bt, PoE/PoE+/PoE++). All PoE Ports are designed with AI Watchdog, VLAN, Extend 300meters long and auto speed change, port priority, which make usage more easily. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

2- Model List

Model Name	HYU-NE-SW-U4PL002	HYU-NE-SW-U4PG002
Picture		
PoE Standard	IEE802.3AF/AT/BT	
PoE Ports	4*10/100M PoE Port, support af/at	8*10/100M PoE Port, support af/at
BT PoE Ports	Port# 4,max 60W	Port# 7-8,max 60W
Uplink Ports	2*10/100M RJ45 Port	2*10/100/1000M RJ45 Port
Power Supply Pin	Default 1/2(+), 3/6(-)	
Power Supply	65W	120W
Switching Capacity	1.2G	5.6G
Forwarding Rate	0.89Mpps	4.17Mpps
Operation Temperature	-20~+55℃	

Model Name	HYU-NE-SW-U16PFA002	HYU-NE-SW-U24PFA002
Picture		
PoE Standard	IEE802.3AF/AT/BT	
PoE Ports	16*10/100M PoE Port, support af/at	24*10/100M PoE Port, support af/at
BT PoE Ports	Port# 13-16,max 60W	Port# 21-24,max 60W
Uplink Ports	2*10/100/1000M RJ45 Port +1*100/1000M SFP	2*10/100/1000M RJ45 Port +1*100/1000M SFP
Power Supply Pin	Default 1/2(+), 3/6(-)	
Power Supply	250W	300W
Switching Capacity	9.2G	10.6G
Forwarding Rate	6.84Mpps	8.03Mpps
Operation Temperature	-20~+55℃	

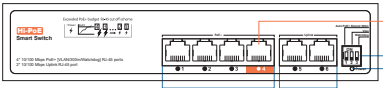
2- Model List

Model Name	HYU-NE-SW-U8PG002	HYU-NE-SW-U16PGF002
Picture		
PoE Standard	1-8 Port IEE802.3AF/AT	1-16 Port IEE802.3AF/AT
BT PoE Ports	Port# 7-8, max 60W	N/A
PoE Ports	8*10/100/1000M PoE Port	16*10/100/1000M PoE Port
Uplink Ports	2*10/100/1000M RJ45 Port	2*10/100/1000M RJ45 Port
Power Supply Pin	Default 1/2(+), 3/6(-)	
Power Supply	120W	200W
Switching Capacity	20G	36G
Forwarding Rate	14.88Mpps	26.784Mpps
Operation Temperature	-20~+55℃	

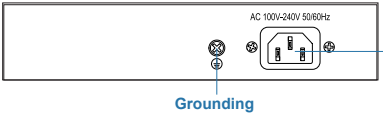
Model Name	HYU-NE-SW-U24PGF002
Picture	
PoE Standard	1-24 Port IEE802.3AF/AT
PoE Ports	24*10/100/1000M PoE Port
Uplink Ports	2*10/100/1000M RJ45 Port +2*100/1000M SFP
Power Supply Pin	Default 1/2(+), 3/6(-)
Power Supply	300W
Switching Capacity	56G
Forwarding Rate	41.664Mpps
Operation Temperature	-20~+55℃

3- Interface Overview

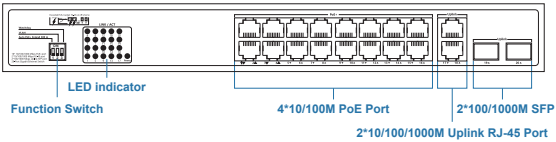
- Front Panel



- Back Panel



- Front Panel



- LED Indicators

LED	Color	Description
Power Indicator	Green	ON: The switch has power OFF: No power supply
Network Indicator	Green	Blink: LINK/ACT, data on transmission ON: The switch link up OFF: The switch link down



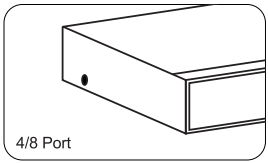
1. Extend:300m+Auto Change Speed
2. VLAN:Port Isolation
3. Watchdog:Self Healing

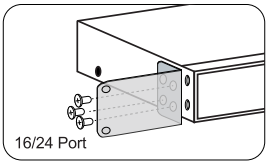
Function Switch		
PoE+Extend 300m	Turn the switch to the symbol,then the function is turned on.	Enable the PoE Port 10M/300M long-distance transmission function
VLAN		Enable PoE Port vlan isolation function
Watchdog		Enable the PoE Port self-healing network restart(Watchdog) function
Power Priority Mode		Enable PoE Port priority default function

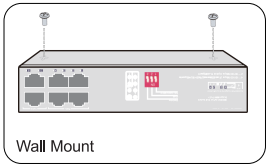
4- Installation Method

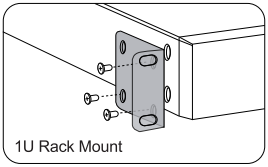
The switch can be installed in a variety of modes, including desktop, wall mounted, and rack mounted. Install the switch based on the actual environment requirement.

- Mounting Ear Installation

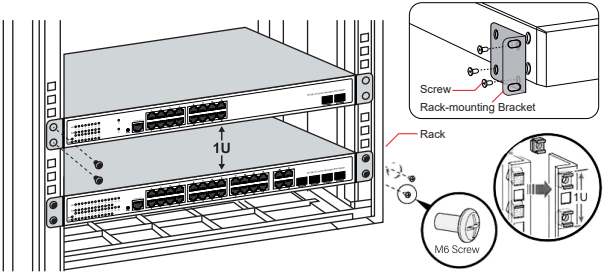








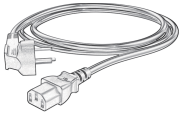
- Rack Mount Installation



5- Package Content

Make sure that the packa ge contains the following items If any of the listed items is damaged ormissing sure that the pack ge contains the following items If any of the listed itemsis damaged or in appearance and quantity from the depicted

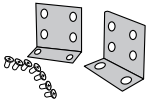
One Power Cord



User Manual

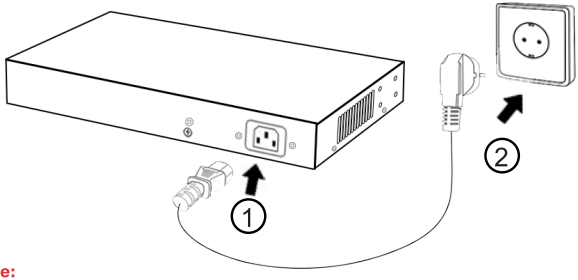


Mounting Brackets Screws and Hanging Ears (16/24/48port)



- Connecting to Power Supply

Plug the negative connector of the provided power cord into the powersocket of the device and plug the positive connector into a power outlets as the following figure shows:



Note:

The figure is to illustrate the application and principle.
The provided plug and the socket in your region may differ from the figures above.

6- Attention

1) Check whether the mounting parts are firm and the screws are fastened.

2) Check whether the polarity of all cable connection is correct, whether the connection is firm and reliable, and ensure there is no short circuit.

3) Check whether there are screw holes without screws and whether the screws of each module are firm.

4) Power on and check, whether the switch has completed the self-checking process normally, and the indicator of connected port is normally working.

Note: Before installing or removing the switch or power cord, the power must be power off, and the live operation is prohibited to avoid the personal injury.

Ensure that the protective ground wire of the equipment is effectively grounded.

All power cables must not have metal parts exposed into the air.

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