

# 6-Port Full Gigabit POE Fiber Switch

## HYU-NE-SW-U4PF002



### Key Features

- Full Gigabit access, gigabit SFP fiber port uplink
  - All series supports “Gigabit Ethernet port and Gigabit SFP fiber slot port “combination, which enables users to flexibly build networking to meet the needs of various scenarios.
  - Support non-blocking wire speed forwarding.
  - Support full duplex based on IEEE802.3x and half duplex based on backpressure.
- Intelligent PoE power supply
  - 4\*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
  - IEEE802.3af/at PoE standard, without damaging non-PoE devices.
  - Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- Stable and reliable, easy to operate
  - CCC, CE, FCC, RoHS
  - Plug and play, no configuration, simple and convenient
  - Low power consumption, no fan mute design, galvanized steel metal casing.
  - Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
  - The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.

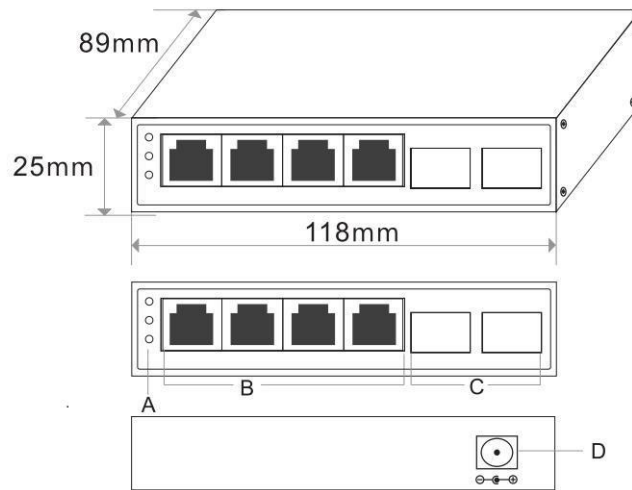
### Specification

Model	HYU-NE-SW- U4PF002
<b>Interface Characteristics</b>	
Fixed Port	4*10/100/1000Base-T PoE ports (Data /Power) 2*1000Base-X uplink SFP slot ports (Data)
Ethernet Port	Port 1 4 can support 10/100/1000Base T, auto sensing, full/half duplex MDI/MDI X
Twisted Pair Transmission	10BASE T: Cat3, 4, 5 UTP (≤100 meter) 100BASE TX: Cat5 or later UTP (≤100 meter) 1000BASE T: Cat5e or later UTP (≤100 meter)
SFP Slot Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single mode / multi mode, single fiber / dual fiber optical module. LC)
Optical Cable	Multi mode: 850nm 0 ~ 5 0 0M, Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM
<b>Chip Parameter</b>	
Network Protocol	IEEE802.3 10BASE T IEEE802.3i 10Base T IEEE802.3u 100Base TX, IEEE802.3ab 1000Base T IEEE802.3z 1000Base X, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	12Gbps (Non blocking)
Forwarding Rate@64byte	8.93Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	10K
LED indicator	Power: PWR (green), network: Link(yellow), POE: PoE (green)
Reset Switch	Yes, one button factory reset
<b>PoE &amp; Power</b>	
PoE Port	Port 1 to 4 IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)
Max Power Per Port	30W; IEEE802.3af/at
Total PWR / Input Voltage	65W/(DC52V)
Power Consumption	Standby: <5W Full load: <65W
Power Supply	External power adapter, AC100 ~ 240V 50-60Hz 1 .1A
<b>Physical Parameter</b>	
Operation TEMP / Humidity	-20 ~ +55°C; 5% ~ 95% RH Non condensing
Storage TEMP / Humidity	-40 ~ +75°C; 5% ~ 95% RH Non condensing
Dimension (L*W*H)	118*95*28mm
Net /Gross Weight	<0.35kg / <1.0kg
Installation	Desktop, wall-mounted

### Certification & Warranty

Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

## Dimensions



- A. Working indicator
- B. 4\*10/100/1000M PoE ports
- C. 2\*1000M SFP ports
- D. DC power ports

## Application

