

18-Port Gigabit Uplink PoE Switch

HYU-NE-SW-U16PL001



Key Features

- 10/100Mbps access, gigabit uplink
 - o All series "10/100M RJ45 port and 10/100/1000M RJ45 port" combination, which enables users to flexibly build networking to meet the needs of various scenarios
 - o Support non-blocking wire speed forwarding
 - o Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- Smart PoE power supply function
 - o 16*10/100Base-TX RJ45 ports, support PoE power supply, which meets the requirements of PoE power supply in various scenarios in the security field
 - o Comply with IEEE 802.3af /at PoE power supply standard, automatically identify PoE devices for power supply without damaging non-PoE devices. The maximum PoE output power is 250W, and the maximum PoE output power of a single port is 30W.
 - o The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.
- Innovative function
 - o Long distance switch: When opening, the speed of 17-24 port is reduced to 10M. With the existing twisted pair cable, the transmission limit of the twisted pair can be broken. The transmission distance can reach 250 meters; on the other hand, it can solve the problem of poor transmission caused by line aging.
- The equipment is stable and reliable, easy to operate
 - o The host has low power consumption, fanless mute design, aluminum alloy metal shell, and excellent heat dissipation to ensure stable operation of the product.
 - o Self-developed power supply, high redundancy design, provides long-term stable PoE power output.
 - o The equipment fully meets the safety requirements of CCC, CE, FCC, and RoHS and is safe and reliable to use.
 - o User can easily understand the working status of the device through the power indicator (PWR), port status indicator, and PoE operation indicator.
 - o Plug and play, no configuration, simple and convenient
 - o Support desktop and 1U/19 inch cabinet installation.

Specification

Model	HYU-NE-SW-U16PL001
Interface	16*10/1000Base-TX PoE ports (Data /Power) 2*10/100/1000Base-T Uplink RJ45 ports (Data)
POE Port	Port 1-16 support POE @ IEEE802.3af/at
Functional Switch	After opening, port 9-16 support 10M/250 meters long distance transmission Note: When the switch status changes, the PoE switch must be restarted for the switch function to take effect
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	10/100BaseT(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Fiber Port Feature	Store and Forward (Full Wire Speed)
Forwarding Mode	14.8Gbps(non-blocking)
Forwarding Rate@64byte	6.55Mpps
MAC	16K
Buffer Memory	4M
Jumbo frames	10K
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤250 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 100BASE-T: Cat5e or later UTP (≤100 meter)
Power Supply Pin	Default: 1/2(+),3/6(-); optional: 4/5 (+), 7/8 (-)
Max /Average Power Per Port	30W / 30W
Total PWR / Input Voltage	250W (100-240V)
Power Consumption	Standby: <20W Full load: <250W
LED indicator	Power indicator: PWR (green); Network indicator: 1-16(24)/G1-2 (green); POE indicator: PoE (green)
Power Supply	Built in switching power supply, AC100 ~ 240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20 ~ +55°C; 5%~90% RH Non condensing
Storage TEMP / Humidity	-40 ~ +75°C; 5% ~ 95% RH Non condensing
Dimension (L*W*H)	330*204*44mm
Net /Gross Weight	<2.3kg / <3kg
Installation Method	desktop type, wall mounted,19 inch 1U cabinet installation
Port lightning protection / protection level	Port 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, lifetime maintenance