

5-Port 10/100M Industrial POE Fiber Switch

HYU-NE-SW-I4PSFP001



Key Features

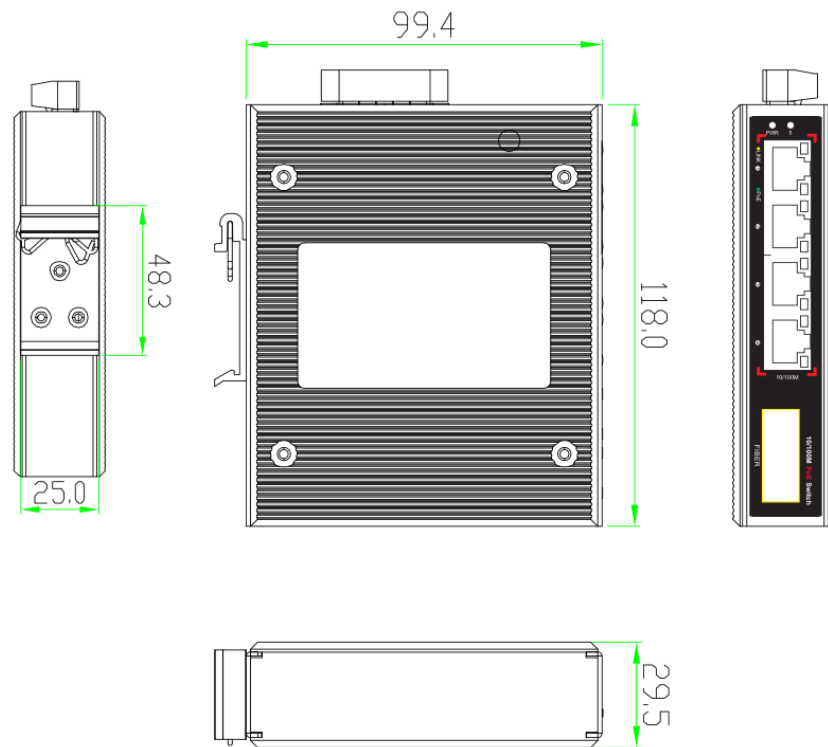
- 10/100M TP/SC port, fast Ethernet
 - All series supports "10/100M RJ45 port and 155M SC fiber port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
 - Support non-blocking wire speed forwarding
 - Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- Port lightning protection, wide voltage input
 - Contact discharge 8KV, air discharge 15KV; port lightning protection common-mode 4KV, differential mode 2KV
 - Industrial dual power input.
 - DC INPUT: 48V-57V, non-PoE DC INPUT: 12-48V.
- Smart PoE power supply function
 - 4*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
 - IEEE 802.3af/at PoE standard, without damaging non PoE devices
- Stable and reliable
 - CCC, CE, FCC, RoHS.
 - Low power consumption, No fan low noise design, aluminum shell.
 - The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.

Specification

Model	HYU-NE-SW-I4PSFP001
Interface Characteristics	
Fixed Port	4*10/100Base T PoE ports (Data /Power) 1*155M uplink SC port (Data) 2 group of V+, V redundant DC power interface (5P Phoenix terminal)
Ethernet Port	10/100Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE T: Cat3,4,5 UTP (≤100 meter) 100BASE TX: Cat5e or later UTP (≤100 meter)
Fiber Port	The default optical module is single-mode dual-fiber 20km, SC interface; Multi-mode dual fiber and single-mode single fiber see product selection table
Optical Cable	Multimode: 850nm 0 ~ 550M, singlemode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM
Chip Parameter	
Network Protocol	IEEE802.3 10BASE T; IEEE802.3i 10Base T; IEEE802.3u 100Base TX; IEEE802.3u 100Base FX; IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	1.6Gbps (Non-blocking)
Forwarding Rate@64byte	0.744Mpps
MAC	1K
Buffer Memory	768K
Jumbo Frames	9.2K
LED Indicator	Power: PWR (green), Network: Link, (yellow); PoE: PoE (green), fiber port: 5 (green)
PoE & Power	
PoE Port	5-Port 10/100M Industrial POE Fiber Switch
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	120W/48VDC
Power Consumption	Standby: <4W, Full Load: <120W
Working Voltage	48-57VDC; 5P industrial phoenix terminal, anti-reverse protection.
Power Supply	No, optional 48V/60W or 48V/120W industrial power supply
Physical Parameter	
Operation TEMP/Humidity	-40 ~ +80°C; 5% ~ 90% RH Non condensing
Storage TEMP / Humidity	-40 ~ +85°C; 5% ~ 95% RH Non condensing
Dimension	119*100*30mm
Net /Gross Weight	<0.5kg / <0.7kg
Installation	Desktop, 35mm DIN rail

Certification

Lightning Protection / Protection Level	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): ±8kV contact discharge±15kV air discharge IEC61000-4-3(RS): 10V/m (80 ~ 1000MHz) IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s IEC61000-4-9(pulsed magnet field):1000A/m IEC61000-4-10(damped oscillation):30A/m 1MHz IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV IEC61000-4-16(common mode transmission):30V; 300V,1s FCC Part 15/CISPR22(EN55022): Class A IEC61000-6-2(Common Industrial Standard)
Mechanical Properties	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock), IEC60068-2-32 (free fall)
Certification	CCC, CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS



Application

