



TPSW-0101FS

-40~85 °C operation Industrial

Description

The TPSW-0101FS is a 10/100/1000M industrial PoE fiber switch. It has 1*10/100/1000M PoE port and 1*1000M SC port, Port 1 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 18W (at-36W). As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, web camera, VoIP phone, industrial sensor through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network. Unmanaged model, plug and play, no configuration, easy to use.

Features

- ❑ 1*10/100/1000M PoE ports+ 1*100/1000M SFP port Industrial PoE Switch, port 1 support IEEE 802.3af/at.
- ❑ PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port.
- ❑ PoE default: 1, 2(+)/3, 6(-)
- ❑ Operation TEMP: -40~85°C
- ❑ Input voltage: DC48-57V, Redundant dual power 6-bit industrial terminals.
- ❑ IP protection level: IP40; Rail-type installation.
- ❑ 5 years warranty.



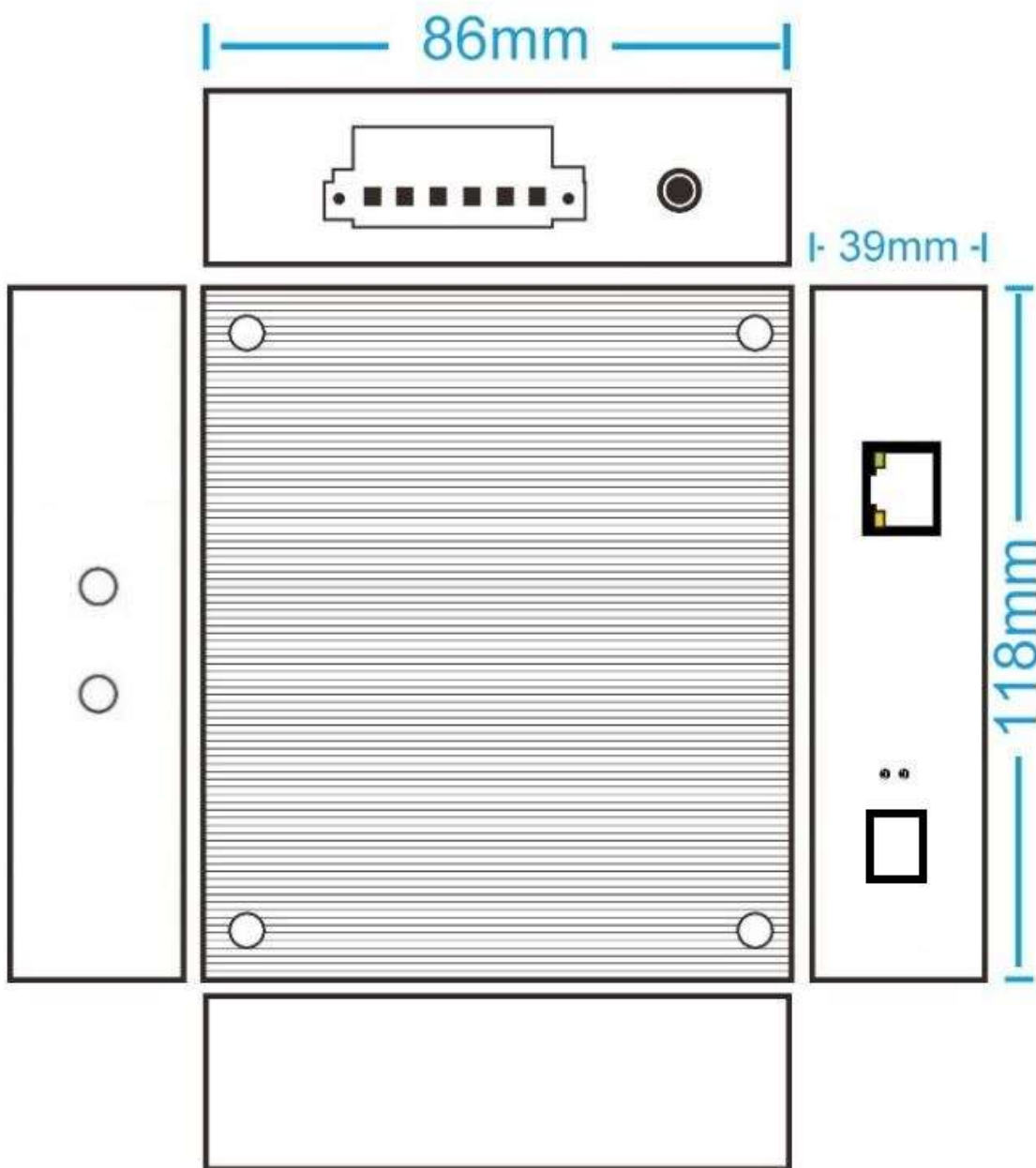
Specifications

Model	TPSW-0201FS	
Interface	1*10/100/1000Base-T PoE port (Data/Power) 1*100/1000Mbps SC fiber uplink port (Data) 2 set of V+, V- redundant DC power interface (6Pin Phoenix terminal)	
PoE Port	Port 1	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x	
PoE Standard	IEEE802.3af/at	
Ethernet Port Feature	Port 1 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption	
Fiber Port	The default optical module is single-mode dual-fiber 20km, SC interface.	
Forwarding Mode	Store and Forward	
Switching Capacity	4Gbps	
Forwarding Rate@64byte	2.98Mpps	
MAC	4K	
Buffer Memory	1M	
Jumbo Frames	10K	
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)	
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM,1550nm 0-120KM.	
Power Supply Pin	Default:1/2 (+), 3/6 (-)	
Working Voltage	48-57VDC; 6P industrial phoenix terminal, anti-reverse protection.	
Max Power Per Port	30W; IEEE802.3af/at	
Total PWR / Input Voltage	18W/48VDC (IEEE802.3af)	36W/48VDC (IEEE802.3at)
Power Consumption	Standby:<2W; Full load:<18W	Standby:<2W; Full load:<32W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1(Link/Act)/ (Green),2(Link/Act)/ (Green); POE indicator: PoE (Orange)	
Power Supply	No, optional 48V/24W or 48V/36W industrial power supply	



Operation TEMP / Humidity	-40~+85°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+125°C;5%~95% RH Non condensing
Dimension (L*W*H)	118*86*39mm
Net /Gross Weight	<0.3kg/<0.5kg
Installation	Desktop, 35mm DIN rail
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)
Certification	CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	5 years, lifelong maintenance.

Mechanical Dimensions



Note : All information contained in this document is subject to change without notice.