

**TS IF1F2-P Industrial switch 10/100/1000M, 1xSFP fiber ports + 2 RJ45 with POE**


**TS-IF1F2-P** is the 10/100/1000 Mbps industrial POE fiber switch, comply with IEEE802.3af/at, power on POE IP cameras through the Ethernet cable, simple construction, power range up to 100 meters, operating temperature -40 °C to + 85 °C, meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation, pass through dangerous environmental certification and comply with FCC and CE standards. The reliable industrial grade design could ensure continuous and stable operation of the automation system.

### Key Features:

1. Support power on POE IP cameras through the wireless access point (AP) of 5 categories of Ethernet cable.
2. IEEE 802.3af power on to 1 ~ 2 RJ45 ports
3. 2x 10/100/1000Mbps Auto-sensing RJ45 ports
4. 1x 1000Mbps SFP fiber ports
5. 4 KV Ethernet surge protection, adapt to a harsh outdoor environment
6. Support Auto MDI/MDIX
7. Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
8. IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
9. Max power to 15.4W under af standard, 30W under at standard to each PoE port
10. Detect the PoE models of electrical equipments.
11. A store-and-forward switching mechanism
12. Operating environment temperature: -40 ° ~ 85 ° c
13. Power supply: POE power supply input voltage: 48V (max 52V),  
Single PoE power supply output power: 15.4W (port 1~2)  
(802.3at standards required special instructions).

## Specifications:

Product Name	<b>10/100/1000Mbps Industrial POE Fiber Switch (1F+2TP)</b>
Model No.	<b>TS-IF1F2-P</b>
Port	1 x 1000Mbps SFP port SM : 1310nm/1550nm, 20Km 1490nm/1550nm, 40~120Km MM : 1310nm, 2Km 2x10/100/1000M UTP RJ45 (Support MDI/MDIX auto-sensing)
Switching features	Transmission mode : storage and forward System bandwidth : 40Gbps (non-traffic jam)
Network media	10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair(≤100m) 100/1000BASE-TX: CAT5 or above shielded twisted pair(≤100m) SFP port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, network, fiber
Power supply	POE power supply input voltage: 48V (max 52V), Single PoE power supply output power: 15.4W (port 1~2) (802.3at standards required special instructions)
Environment	Working temperature : -40°~ 85°C Storage temperature : -40°~ 85°C Working humidity : 10%~90%, non-condensing Storage humidity : 10%~95%, non-condensing
Industry Standards	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A EMS : EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Traffic Control : NEMA-TS2 Vibration : IEC 60068-2-6 Freefall : IEC 60068-2-32 Shock : IEC 60068-2-27 Rail Traffic : EN 50121-4
Safety	CE Mark ,commercial CE/LVD EN60950
Mechanical information	Shell : Corrugated metal shell Safety class : IP40 Dimension : 114 x 93x 35mm Mounting method : Din-rail mounting