UmManaged Industrial Ethernet Switch
8 ETH (10/100/1000) 2 SFP (1.25G)
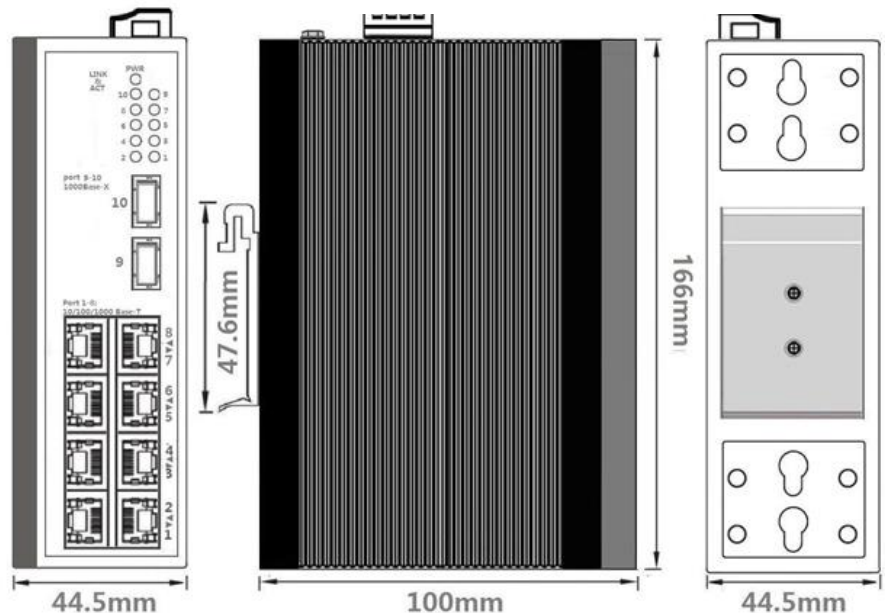
P/N : ITT-SW3948

The ITT-SW3948 provides 8*10/100/1000 Base-T electrical ports and 2*1000Base-X optical ports. All models are with IP40 protection class and meet EMC industrial level 4 requirements. It provides 12-36 VDC wide voltage range power inputs, DIN rail mounting, wide operating temperature range of -40 to the +85°C. In addition to its compact size for space-saving installation, each product has passed a 100% burn-in test in 85°C to ensure its quality.

All of these features make the product ideal for applications that require high-reliability transmission, such as video surveillance, tolling systems, ITS, and factory automation.

- 12-36VDC wide voltage range power inputs
- As low as 6 watts load power consumption
- -40 to 85°C operating temperature range
- IP40 protection class with metal housing
- Fanless design
- Level 4 EMC Protection

SERVICES:
Guaranteed Warranty

47.6mm

166mm

44.5mm

100mm

44.5mm

Website: ittelecom.co
Skype: ittelecomco
Email: mailto:sale@ittelecom.co

UnManaged Industrial Ethernet Switch

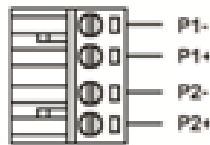|	
Network Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-Tx IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-X
Certifications	CCC, CE, FCC, RoHS
Switch Technical	➤ MAC Table: 16K ➤ Packet Buffer: 2M ➤ Packet Forwarding Rate: 14.88Mpps ➤ Switching Delay: <5us
Interface	➤ Optical Ports: 2 1000Base-X (SFP) ➤ Electrical Ports: 8 10/100/1000Base-T (RJ45)
LED indicator	➤ Power LED: PWR ➤ Interface LED: RJ45(Link&ACT) , Fiber(Link&ACT)
MTBF	360,000 hrs
Machinery Standard	➤ IEC60068-2-6 (Vibration) ➤ IEC60068-2-27 (Shock) ➤ IEC60068-2-32 (Free Fall)
Power	➤ Power Terminal: 4-pin 5.08mm-spacing plug-in terminal block ➤ Full load power consumption: < 6W ➤ Overload Protection: Support ➤ Reverse Connection Protection: Support Redundancy Protection: Support
Physical	➤ Housing: Metal, fanless ➤ Protection Class: IP40 ➤ Dimensions : 45mmx100mmx175mm(W×H×D) ➤ Weight: 0.8kg ➤ Mounting: DIN-Rail or Panel mounting
Environment	➤ Operating Temperature: -40 to 85°C ➤ Storage Temperature: -45 to 85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)

https://ittelecom.co/shop/

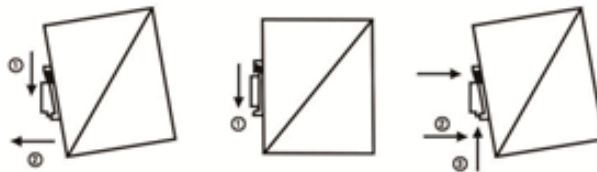| Industrial Standard	➤ EMI: ➤ FCC CFR47 Part 15, EN55022/CISPR22, Class A ➤ EMS: ➤ IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) ➤ IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) ➤ IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV ➤ IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV ➤ IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) ➤ IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

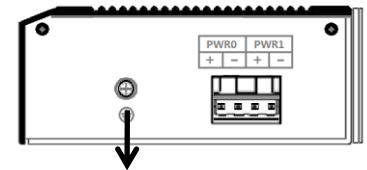| Product model	ITT-SW3948
Product descriptions	8*10/100/1000Baseet Switches , Din-Rail and Wall m-T+2*1000Base-X (SFP), Unmanaged Industrial Ethernounted installation, 12-36VDC power input .

Power Terminal

- 4pin 5.08mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

P1- P1+ P2- P2+

Earth Protection

PWR0 PWR1
+ – + –

Ground screw

Din-Rail

Wall mounting