

Unmanaged Industrial Ethernet Switch



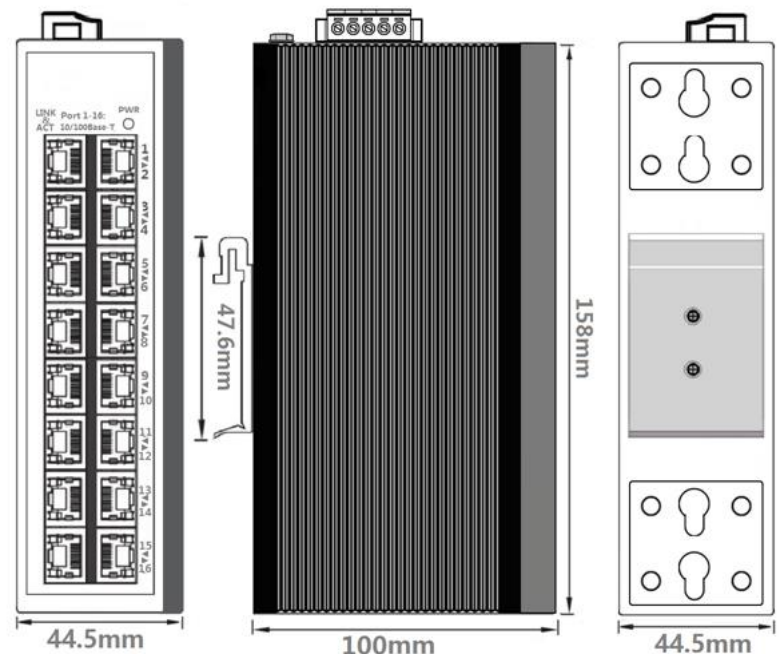
P/N : [ITT-ISW-16G](#)



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

The ITT-ISW-16G provides 16 electrical Fast Ethernet 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.

applications that require high-reliability transmission, such as video surveillance, tolling systems, ITS, and factory automation.



SERVICES:
Guaranteed Warranty



Unmanaged Industrial Ethernet Switch



Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-Tx
Certifications	CCC, CE, FCC, RoHS
Switch Properties	➤ MAC Table: 1K ➤ Packet Buffer: 1.3M ➤ Packet Forwarding Rate: 2.38Mpps ➤ Switching Delay: <5us
Interface	➤ Electrical Ports: 16 10/100Base-Tx (RJ45)
LED indicator	➤ Power LED: PWR ➤ Interface LED: RJ45(Link&ACT)
MTBF	360,000 hrs
Power	➤ Power Terminal: 5-pin 3.81mm-spacing plug-in terminal block ➤ Power input: 12-36V DC ➤ Full load power consumption: <4W ➤ Overload Protection: Support ➤ Reverse Connection Protection: Support ➤ Redundancy Protection: Support
Physical Characteristics	➤ Housing: Metal, fanless ➤ Protection Class: IP40 ➤ Dimensions: 44.5mm x 100mm x 158mm (W×H×D) ➤ Weight: 0.75kg ➤ Mounting: DIN-Rail or Panel mounting
Environmental Limits	➤ Operating Temperature: -30 to 75°C ➤ Storage Temperature: -45 to 85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)

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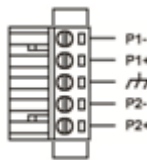


Industrial Standard

- EMI:
- FCC CFR47 Part 15, EN55022/CISPR22, Class A
- EMS:
- IEC61000-4-2 (ESD): $\pm 8\text{kV}$ (contact), $\pm 15\text{kV}$ (air)
- IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)
- IEC61000-4-4 (EFT): Power Port: $\pm 4\text{kV}$; Data Port: $\pm 2\text{kV}$
- IEC61000-4-5 (Surge): Power Port: $\pm 2\text{kV/DM}$, $\pm 4\text{kV/CM}$; Data Port: $\pm 2\text{kV}$
- IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
- IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
- Machinery:
- IEC60068-2-6 (Vibration)
- IEC60068-2-27 (Shock)
- IEC60068-2-32 (Free Fall)

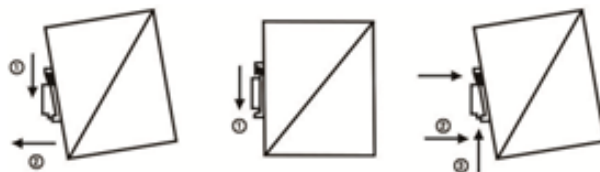
Product model	ITT-ISW-16G
Product descriptions	16*10/100Base-TX Unmanaged Industrial Ethernet Switch Din-Rail and Wall mounted installation 12-36VDC power input.

Power Terminal

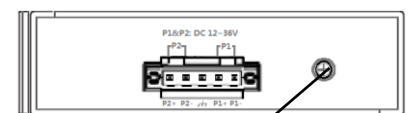


- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

Din-Rail



Earth Protection



Ground terminal or screw

Wall mounting



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