UmManaged Industrial Ethernet Switch
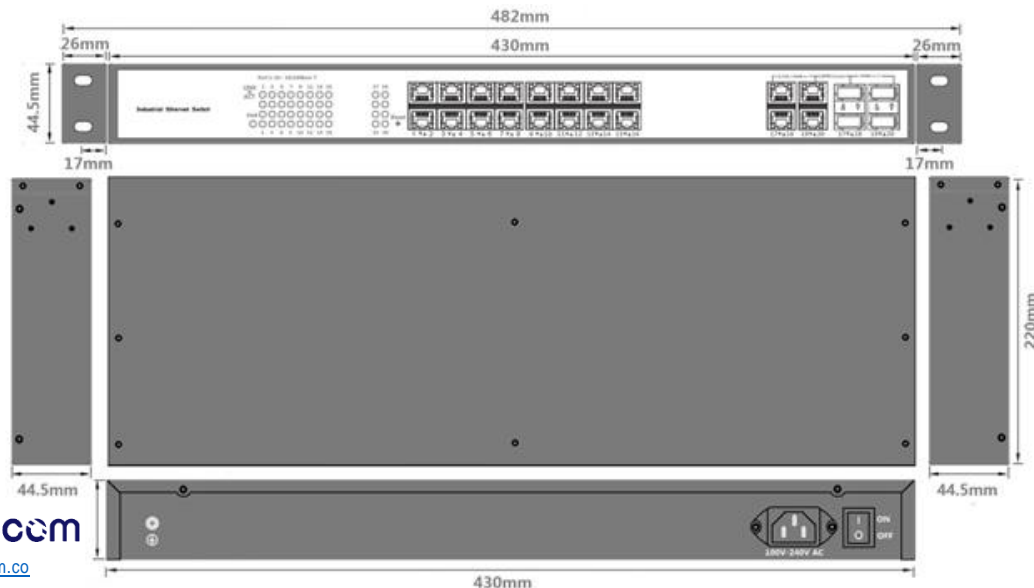### 16 ETH (10/100) + 4 COMBO (10/100/1000)

P/N : ITT-SW3966

The ITT-SW3966 provides 16 electrical fast Ethernet ports and 4 gigabit combo ports. All models are with IP40 protection class and meet EMC industrial level 4 requirements. It provides wide AC voltage range of 100-240V, wide operating temperature range of -40 to the +85°C. Each product has passed a 100% burn-in test in 85°C to ensure its quality high-reliability transmission.

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.

- 4M SDRAM for packet buffer
- 100-240VAC wide voltage range power inputs
- -40 to 85°C operating temperature range
- IP40 protection class with metal housing
- Fanless design
- Level 4 EMC Protection

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:4M ➢ Packet Forwarding Rate: 8.3328Mpps ➢ Switching Delay: <5us
Interface	➢ Optical Ports: 4 1000Base-X(SFP, Combo) ➢ Electrical Ports: 16 10/100Base-Tx (RJ45), ➢ 4 10/100/1000Base-T (RJ45, Combo)
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: 10 A plug ➢ Full load power consumption: <14W ➢ Overload Protection: Support
Physical	➢ Housing: Metal, fanless ➢ Protection Class: IP40 ➢ Dimensions: : 44.5mm x 430mm x 220mm (W×H×D) ➢ Weight: 3.2kg ➢ Mounting: Rack 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/

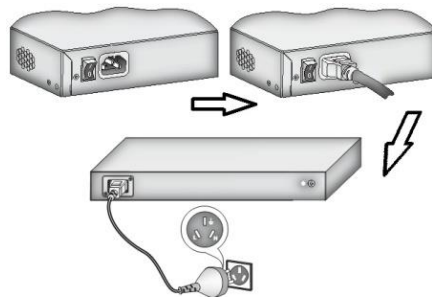| Industrial Standard	➢ EMI: ➢ FCC CFR47 Part 15, EN55022/CISPR22, Class A ➢ EMS: ➢ IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) ➢ IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) ➢ IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV ➢ IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV ➢ IEC61000-4-6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

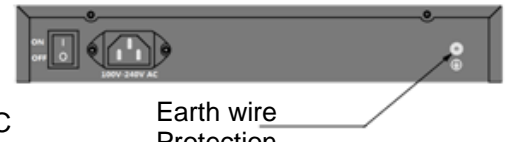| Product model	ITT-SW3966
Product descriptions	8*10/100/1000Base-T (RJ45) + 2*1000Base-X (SFP not include SFP module) industrial L2 Ethernet Switch,WEB management Din-Rail 12-36VDC power input dual power supply

Eatrh Protection

Power Input
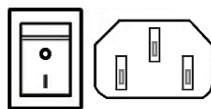
- AC-DC power module
- Input Range：100-240VAC

Earth wire
Protection

Rack Mounting

AC Power Line

Screw

Erection