

## UmManaged Industrial Ethernet Switch 16 Eth (10/100) + 1 Eth (10/100/1000) + 1 SFP (1.25G)



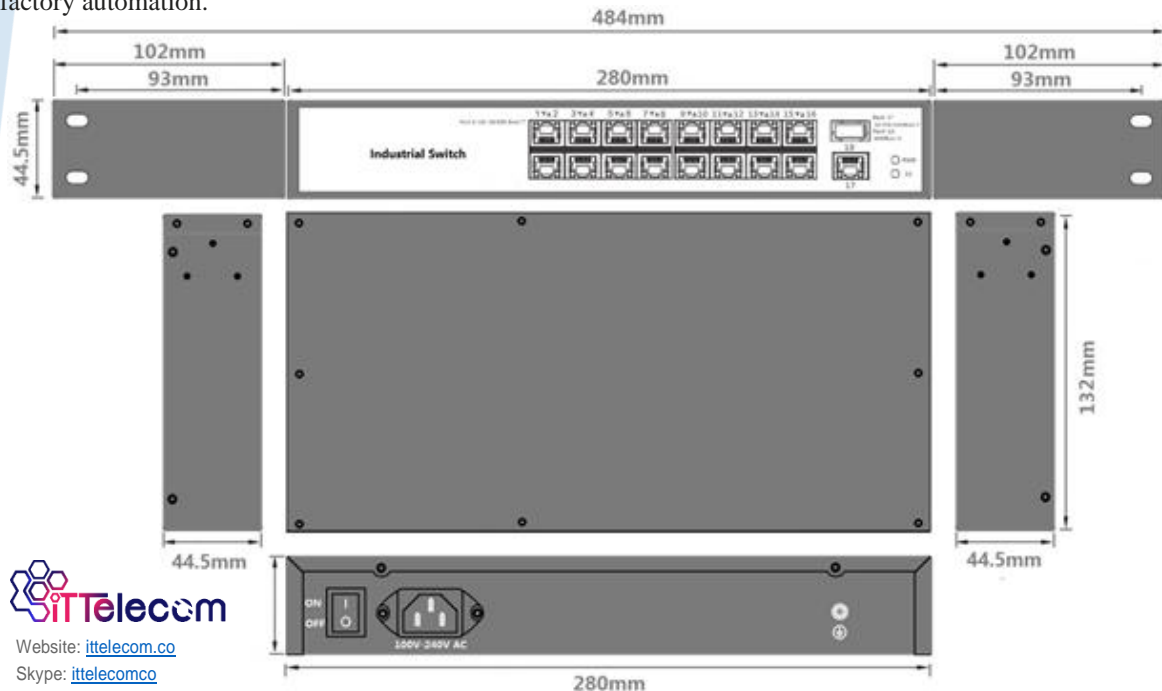
P/N : [ITT-SW3949](#)



- 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

The ITT-16FE1GE1GF-I-AC provides 16 electrical fast Ethernet ports, 1 electrical gigabit Ethernet port and 1 optical gigabit port. 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.



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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	<ul style="list-style-type: none"> <li>➤ MAC Table: 8K</li> <li>➤ Packet Buffer:1M</li> <li>➤ Packet Forwarding Rate: 5.3568Mpps</li> <li>➤ Switching Delay: &lt;5us</li> </ul>
Interface	<ul style="list-style-type: none"> <li>➤ Optical Ports: 1 1000Base-X (SFP)</li> <li>➤ Electrical Ports: 16 10/100Base-Tx (RJ45)</li> <li>➤ 1 10/100/1000Base-T (RJ45)</li> </ul>
LED indicator	<ul style="list-style-type: none"> <li>➤ Power LED: PWR</li> <li>➤ Interface LED: RJ45(Link&amp;ACT) , Fiber(Link&amp;ACT)</li> </ul>
MTBF	360,000 hrs
Machinery Standard	<ul style="list-style-type: none"> <li>➤ IEC60068-2-6 (Vibration)</li> <li>➤ IEC60068-2-27 (Shock)</li> <li>➤ IEC60068-2-32 (Free Fall)</li> </ul>
Power	<ul style="list-style-type: none"> <li>➤ Power Terminal: 10 A plug</li> <li>➤ Full load power consumption: &lt;12W</li> <li>➤ Overload Protection: Support</li> <li>➤ Redundancy Protection: Support</li> </ul>
Physical	<ul style="list-style-type: none"> <li>➤ Housing: Metal, fanless</li> <li>➤ Protection Class: IP40</li> <li>➤ Dimensions: 44.5mm x 280mm x 132mm (W×H×D)</li> <li>➤ Weight: 2.5kg</li> <li>➤ Mounting: Rack mounting</li> </ul>
Environment	<ul style="list-style-type: none"> <li>➤ Operating Temperature: -40 to 85°C</li> <li>➤ Storage Temperature: -45 to 85°C</li> <li>➤ Ambient Relative Humidity: 5 to 95% (non-condensing)</li> </ul>

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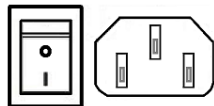
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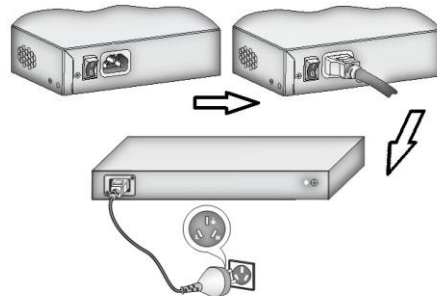
Industrial Standard	<ul style="list-style-type: none"> <li>➤ EMI:</li> <li>➤ FCC CFR47 Part 15, EN55022/CISPR22, Class A</li> <li>➤ EMS:</li> <li>➤ IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air)</li> <li>➤ IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)</li> <li>➤ IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV</li> <li>➤ IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV</li> <li>➤ IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)</li> <li>➤ IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)</li> </ul>
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Product model	ITT-16FE1GE1GF-I-AC
Product descriptions	16*10/100Base-Tx(RJ45) + 1*10/100/1000Base-T(RJ45) + 1*1000Base-X(SFP) unmanaged industrial Ethernet switch 100-240VAC

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



**AC Power Line**

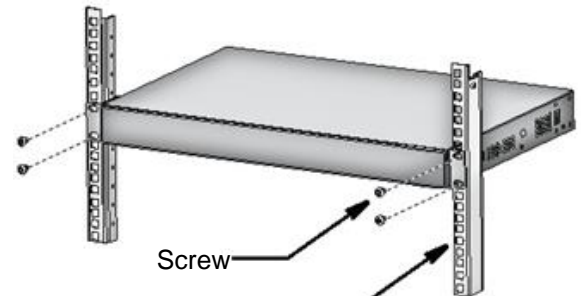


**Erath Protection**



Earth wire Protection

**Rack Mounting**



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