

## Unmanaged Industrial Ethernet Switch 2GE1GF



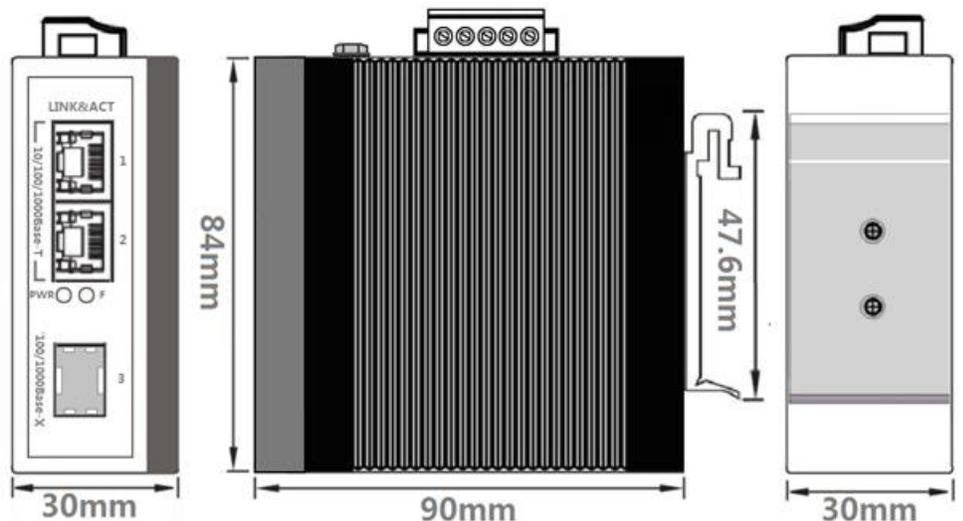
P/N :ITT-SW3916



- 12-36VDC wide voltage range power inputs
- As low as 3 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-SW3916 provides 2\*10/100/1000 Base-T electrical ports and 1\*1000Base-X optical port. 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.



SERVICES:  
Guaranteed Warranty



# Unmanaged Industrial Ethernet Switch

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 Properties	<ul style="list-style-type: none"><li>➤ MAC Table: 8K</li><li>➤ Packet Buffer: 1M</li><li>➤ Packet Forwarding Rate: 4.464Mpps</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: 2 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)</li><li>➤ Fiber: (Link&amp;ACT)</li></ul>
MTBF	360,000 hrs
Power	<ul style="list-style-type: none"><li>➤ Power Terminal: 5-pin 3.81mm-spacing plug-in terminal block</li><li>➤ Full load power consumption: &lt; 3W</li><li>➤ Overload Protection: Support</li><li>➤ Reverse Connection Protection: Support Redundancy Protection: Support</li></ul>
Machinery	<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>
Physical Characteristics	<ul style="list-style-type: none"><li>➤ Housing: Metal, fanless</li><li>➤ Protection Class: IP40</li><li>➤ Dimensions : 30mmx84mmx90mm(W×H×D)</li><li>➤ Weight: 0.35kg</li><li>➤ Mounting: DIN-Rail or Panel mounting</li></ul>
Environmental Limits	<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>

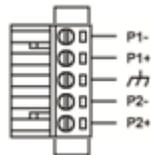
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Industrial Standard	<p><b>EMI:</b></p> <ul style="list-style-type: none"> <li>➤ FCC CFR47 Part 15, EN55022/CISPR22, Class A</li> </ul> <p><b>EMS:</b></p> <ul style="list-style-type: none"> <li>➤ IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air)</li> <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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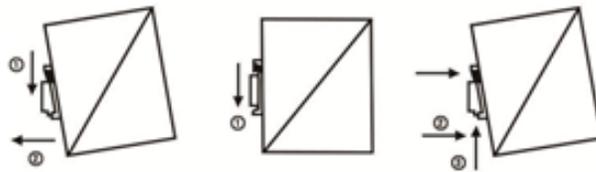
Product model	ITT-2GE1GF-I-DC
Product descriptions	<p>2*10/100/1000Base-TX+1*1000Base-X(SFP)</p> <p>Unmanaged Industrial Ethernet Switch</p> <p>Din-Rail and Wall mounted installation</p> <p>12-36VDC power input .</p>

### Power Terminal

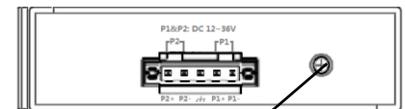


- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

### Din-Rail



### Earth Protection



Ground terminal or screw

### Wall mounting



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