

### Features:

- 8 RJ45 port: 10 10/100/1000Base-Tx RJ45 ports



ITT-ISWP-8G2S is 10 Gigabit Security Industrial PoE Switch, provide 8 Gigabit PoE Port, 2 Gigabit Uplink Port, support Apollo Cloud Switch Platform, it is up to EMC Industrial grade 4 protection, could resist static electricity, lightning strike, pulse interference effectively; Corrugated high-strength metal housing, IP40 degree, lower power design, Seismic Din Rail mounting, Wide temperature design, it can be applied into Harsh environment; The series products specially installed smart transportation, energy, electricity, security etc.. severe industrial situation for supply fast, reliable communication connection.

### Technical Parameters:

• <b>Standard</b>	<ul style="list-style-type: none"> <li>➢ IEEE 802.3 10Base-T</li> <li>➢ IEEE 802.3u 100Base-T</li> <li>➢ IEEE 802.3ab 1000Base-T</li> <li>➢ IEEE 802.3af/at</li> </ul>
• <b>Exchange Functions</b>	<ul style="list-style-type: none"> <li>➢ Mac Address table: 2K</li> <li>➢ Port Cache: 1Mbit</li> <li>➢ 100Mbps forwarding speed: 148810pps</li> <li>➢ 1000Mbps forwarding speed: 1488100pps</li> <li>➢ 100Mbps maximum filtration speed : 148810pps</li> <li>➢ 1000Mbps maximum filtration speed: 1488100pps</li> <li>➢ Transfer method: Store and forward</li> <li>➢ Bandwidth: 20Gbps</li> <li>➢ Switching Delay: &lt;5us</li> </ul>
• <b>Interface</b>	<ul style="list-style-type: none"> <li>➢ 8 RJ45 port: 10 10/100/1000Base-Tx RJ45 ports</li> </ul>
• <b>Front Panel Indicator</b>	<ul style="list-style-type: none"> <li>➢ Interface Indicator: POE (G1~G8) Link/ACT (G1~G8, F1, F2)</li> <li>➢ Power Indicator: P1, P2</li> </ul>
• <b>Power</b>	<ul style="list-style-type: none"> <li>➢ Input Voltage: 48-56VDC</li> <li>➢ Input method: Pull type 4pin 5.08mm pitch terminals</li> <li>➢ Support dual DC power backup, built in over voltage protection</li> <li>➢ Power support Anti-reverse connection</li> </ul>
• <b>Power Consumption</b>	<ul style="list-style-type: none"> <li>➢ No loaded power: 6W@52VDC</li> <li>➢ Full load power: 96W@52VDC (including PoE Input)</li> </ul>
• <b>Physical features</b>	<ul style="list-style-type: none"> <li>➢ Housing: IP40 Degree, Corrugated high-strength metal case</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Installed:DIN Rail</li> <li>➤ Size (Length*Width*Height) : 150mm×127mm×40mm</li> <li>➤ Weight: 1kg</li> </ul>
<ul style="list-style-type: none"> <li>● <b>Industry Standard</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ EMI: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: ±6kV</li> <li>➤ IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)</li> <li>➤ IEC60068-2-6 (Vibration)</li> <li>➤ IEC60068-2-27 (Shock)</li> <li>➤ IEC60068-2-32 (Free Fall)</li> </ul>
<ul style="list-style-type: none"> <li>● <b>Working Environment</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Working Temperature: -20~70°C</li> <li>➤ Storage Temperature: -40~75°C</li> <li>➤ Relative humidity: 5%~95% (No condensation)</li> </ul>
<ul style="list-style-type: none"> <li>● <b>Certificates</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ CE, FCC, RoHS</li> </ul>
<ul style="list-style-type: none"> <li>● <b>Average trouble fee time</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ 360,000 hrs</li> </ul>

## Installation method:

Before install confirm the devices operating environment: Power&Voltage、 Install space、 Install type etc.

Please check below installation requests carefully :

- Check if have the installation needs about cables and connector
- Based reasonable configuration demands to check if cables are ready(less than 100meters)
- Do not provide installation components,The user need to prepare selected installation type' s component、 Screw、 Nuts and tools etc,make sure Reliably installation

Power : 48-56VDC

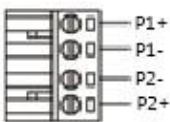
(Environment requests) :

Working Temperature : -20~70°C

Storage Temperature : -40~75°C

Relative humidity : 5%~95% (No condensation)

## Power accessed



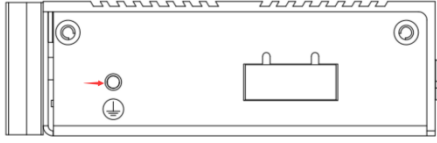
4 pin 5.08mm terminals

Input range: 48-56VDC

P1&P2 Dual redundant power supply,

Support Reverse protection

**Ground protection**



Connected the group port

**Din Rail mounting**

