

**HORED** 丰润达®

**10 Port Gigabit AI Cloud  
Security Industrial  
POE Switch**

**IS308GPS-2F**

**Product brochure**

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## Product Introduction :

IS308GPS-2F is a 10-port Gigabit AI Cloud security industrial POE switch. It provides 8 Gigabit PoE ports and 2 Gigabit SFP ports. It supports HORED Apollo cloud platform management, and can reach EMC industrial level 4 protection performance. Effectively resist the interference of static electricity, lightning strike and pulse; corrugated high-strength aluminum profile shell, IP40 grade, low power consumption design, anti-vibration guide rail installation, wide temperature design, can work in harsh environments. This series of products is especially suitable for intelligent transportation , energy, electricity, security and other harsh industrial occasions, providing them with fast and reliable communication connections.



## Main Spec :

### Port 6KV lightning protection

- All ports support 6KV lightning protection, support power supply over-temperature protection, over-voltage protection, surge current protection and other protection features .

### Data transmission feature

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provide 2 gigabit SFP uplink optical ports at the same time.
- Supports IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control.
- Supports auto-flipping of upstream ports (Auto MDI/MDIX).

### PoE Features

- Compliant with the IEEE802.3af&at standard, the maximum PoE power of a single port is 30W.
- Support PoE short circuit protection, over current protection, over temperature protection, etc.
- Support AI PoE, restarts a PoE powered device if no data passes through the port for a set time.

### High reliability protection level, suitable for various complex environments

- IP40 protection, corrugated high-strength metal shell.
- Satisfy the wide temperature working environment of -20 ~ 70°C.
- Support dual DC power backup, built-in overvoltage protection, and power supply support anti-reverse connection.

### Industry 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: ±6kV

IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)

IEC60068-2-6 (Vibration)

IEC60068-2-27 (Shock)

IEC60068-2-32 (Free Fall)

## Product Specifications :

Hardware Specifications	
<b>Network Interface</b>	<ul style="list-style-type: none"> <li>● 8*10/100/1000Mbps RJ45 port</li> <li>● 2*gigabit SFP port</li> </ul>
<b>Network protocol standard</b>	<ul style="list-style-type: none"> <li>● IEEE802.3、IEEE802.3i、IEEE802.3u、IEEE802.3ab、IEEE802.3z、IEEE802.3af/at</li> </ul>
<b>Performance Specifications</b>	<ul style="list-style-type: none"> <li>● Backplane bandwidth: 20Gbps (non-blocking)</li> <li>● Packet forwarding rate: 14.9Mpps</li> <li>● MAC address table: 8K</li> <li>● Forwarding mode: store and forward</li> </ul>
<b>LED indicator</b>	<ul style="list-style-type: none"> <li>● Power indicator: P1, P2</li> <li>● Ethernet port indicator: Link&amp;Act 1~8, PoE 1~8</li> <li>● Optical port indicator: Link&amp;Act F1~F2</li> </ul>
<b>POE pin</b>	<ul style="list-style-type: none"> <li>● 1/2 ( + ) , 3/6/(-) ;</li> </ul>
<b>Power support</b>	<ul style="list-style-type: none"> <li>● Input voltage: 48-56V DC</li> <li>● Input method: plug-in 4-core 5.08mm pitch terminal block (support dual DC Power backup, built-in overvoltage protection, support anti-reverse connection)</li> <li>● No-load power: 6W@52V DC</li> <li>● Full load power: 186W@52V DC (POE full load output)</li> <li>● Single-port PoE maximum output power: 30W</li> </ul>
<b>Physical Specifications</b>	<ul style="list-style-type: none"> <li>● Shell: IP40 grade protection, corrugated high-strength metal shell</li> <li>● Installation: DIN rail installation</li> <li>● Dimensions (LxWxH): 150mm×127mm×40mm</li> </ul>
<b>Environmental Specifications</b>	<ul style="list-style-type: none"> <li>● Working temperature: -20~70°C</li> <li>● Storage temperature: -40~75°C</li> <li>● Working humidity: 5%~95% RH without condensation</li> <li>● Storage humidity: 0%~95% RH without condensation</li> </ul>
<b>Safety regulations</b>	<ul style="list-style-type: none"> <li>● CE/ROHS/FCC</li> </ul>