

4-way SFP gigabit optical port + 8-gigabit electrical port industrial Ethernet switch



Product introduction

Industrial Ethernet switch is a network management Industrial Ethernet switch, which supports 8 10 / 100 / 1000base TX ports and 4 1000base-x ports It adopts low power consumption design without fan, corrugated profile enclosure with clip rail type, IP40 protection level, dual power redundant input, in line with industrial level IV design, wide temperature range, port anti surge design, especially suitable for large flow real-time outdoor environment, and can be widely used in industrial automation control, road, campus, community, rail transit, power monitoring and other occasions .

Product features

Support 8 10 / 100 / 1000base TX ports and 4 1000base-x optical ports

- Support IEEE 802.3/802.3u/802.3x store and forward mode
- All ports have line speed forwarding capability to ensure non blocking message forwarding
- Support the function of auto MDI / mdix
- Support redundant power input, with overload anti reverse protection
- Support full load operation in the temperature range of - 40 ~ 85 °C
- Low power fanless design
- High strength corrugated profile housing, rail clamping installation, IP40 protection level
- Industrial four level design



Technical index

Interface: Gigabit interface: 10 / 100 / 1000base TX adaptive RJ45 interface Gigabit port: 1000base-x SFP port Console port: 3.81mm industrial terminal Power interface: 5.08mm industrial terminal
Switching characteristics: Transmission mode: store and forward Switching bandwidth: 50g Packet forwarding rate: 37.2mpps MAC address table: 8K Data cache: 512KB Priority queue: 4 VLAN number: 4K VLAN ID: 1-4096 Number of multicast groups: 256
Software features: Support VLAN: 802.1Q VLAN (4K), port based VLAN, QinQ Broadcast storm suppression: support broadcast, multicast and unknown unicast suppression Flow control: ieee802.3x negotiation flow control, car function, speed limit step is 64K Multicast protocol: igmpv1 / 2 / 3 snooping Port management: support port mirroring, port isolation and port aggregation DHCP Management: supports DHCP snooping, option 82 QoS Mechanism: 802.1p; support port default priority mark, at least 4 queues with different priority for each port Security: support MAC address filtering, dynamic or static MAC address learning, port + IP + MAC binding, loop detection Traffic management: support port traffic real-time monitoring and abnormal traffic alarm Management mode: SNMP V1 / V2 / V3, CLI, web Management access: support console, telnet System maintenance: RMON, PDP discovery protocol (CDP compatible), automatic spanning tree File transfer: support log output, backup and import of configuration documents
indicator light: Power indicator Equipment running status indicator Electric port connection / running status indicator Optical port connection / operation status indicator



<p>Power Supply:</p> <p>Power input: AC / dc9-36v redundant input</p> <p>No load current: 0.33A@DC 12V</p> <p>Full load current: 0.57A@DC 12V</p> <p>Wiring mode: 5.08mm industrial terminal</p> <p>Overload protection: support</p> <p>Redundant protection: support</p>
<p>Mechanical properties:</p> <p>Shell: high strength corrugated profile shell</p> <p>Protection grade: IP40</p> <p>Installation mode: rail clamping installation</p> <p>Size: 138 * 112 * 60</p> <p>Weight: 1.05kg</p>
<p>Working environment:</p> <p>Working temperature: - 40 ~ 85 °C</p> <p>Storage temperature: - 45 ~ 85 °C</p> <p>Working humidity: 5% ~ 95% (no condensation)</p>
<p>Industry standard:</p> <p>EMI: FCC Part 15, CISPR (EN55022) class A</p> <p>EMS: EN61000-4-2 (ESD), Level 4</p> <p>EN61000-4-3 (RS), Level 3</p> <p>EN61000-4-4 (EFT), Level 4</p> <p>EN61000-4-5 (Surge), Level 4</p> <p>EN61000-4-6 (CS), Level 3</p> <p>EN61000-4-8, Level 5</p> <p>to attack: IEC 60068-2-27</p> <p>Free fall: IEC 60068-2-32</p> <p>shock: IEC 60068-2-6</p>