HORED丰润达®

5 Ports Gigabit Industrial Switch

IS105G

Product brochure

产品简介：

IS105GP is a 5-port gigabit AI industrial PoE switch with 4 gigabit PoE ports and 1 gigabit uplink port, which can achieve EMC Class 4 performance, and can effectively resist static electricity, lightning strikes, and pulse interference; Corrugated high-strength aluminum profile shell, IP40 , low power consumption design, anti-vibration DIN-rail installation, wide temperature design, can work in harsh environments. IS105GP is especially suitable for harsh industrial occasions such as intelligent transportation, energy, electricity, security, etc, for the fast and reliable communication connection.

Highlights

Port 6KV lightning protection

• All ports support 6KV lightning protection, power short circuit protection, overvoltage protection and surge current protection features.

Switching

• Non-blocking switching architecture, all ports support wire-speed forwarding.
• Gigabit uplink
• Supports IEEE 802.3x full-duplex and half-duplex flow control
• Auto MDI/MDIX

High protection level, suitable for various complex environments

• IP40 protection, corrugated high-strength metal shell.
• Meet the wide temperature working environment of -40 ~ 75 ℃.
• Support dual DC power backup, built-in overvoltage protection, support anti-reverse connection.

Compliance

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)

Specifiations

Hardware	
Network Interface	● 10/100/1000Mbps RJ45 Ports x5
Network Protocol	● IEEE802.3、IEEE802.3i、IEEE802.3u、IEEE802.3ab、
Performance	● Bandwidth: 10Gbps (Non-Block) ● Throughput: 7.44Mpps ● MAC table: 2K ● Forwarding model: Store and forward
LED Indicator	● Power：P1,P2 ● RJ45 Port：Link&Act 1~5
Power Supply	● Input voltage: 12-56V DC ● Input port: Pluggable 4 pin terminals block, 5.08mm pitch (support dual DC power source backup, built-in overcurrent protection, support anti-reverse connection)
Physical Parameter	● Casing: IP40, corrugated high-strength metal shell ● Installation: DIN-Rail ● Dimension (LxWxH): 124mm×95mm×32.5mm
Environmental Condition	● Operating Temperature：-40〜75°C ● Storage Temperature：-40〜85°C ● Operating Humidity：5%〜95% RH (non-condensing) ● Storage Humidity：0%〜95% RH (non-condensing)
Certification	● CE/ROHS/FCC