
**Product: Industrial Grade Ethernet Switch Un-Managed
8-port 10/100/1000Mbps Ethernet + 1-port 1000Mbps SFP Slot**



RoHS

Overview

Industrial Ethernet switch, 8 Port 10/100/1000 Ethernet ports and 1 port 1000M SFP slot, for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other devices.

Specially designed for harsh outdoor applications. Its 6KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power

Features

- 8 Port 10/100/1000Mbps Ethernet, 1 port 1000Mbps SFP
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation , auto-MDI-MDI-X
- LED indicators for monitoring power/link/activity
- Supports 10/100/1000Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation for lightning protection
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs.
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- -40°C-85°C operating temperature range.
- 5-Year Warranty

Typical Application

Industrial Ethernet Switch

Technical Specification	
Product Name	8 Port 10/100/1000M Industrial Ethernet Switch
Product Model	IS-1SF60008
Interface	8x10/100/1000Base-T Ethernet port + 1x 1000Mbps SFP Slot
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Media	Multi-mode: 2KM Single-mode: 20/40/60/80KM
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory:2M Packet Forwarding Rate:1488000pps/port MAC Address Table: 16K
Forwarding Mode	Store-and-Forward
Protection	6KV Lightning protection, IP40 protection
LED Indicators	Power: PWR; Link; Link/Act
Power Supply	Input Power: 2x10~48VDC (Terminal Block)

Industrial Ethernet Switch

Other Specifications	
Working Environment	Working temperature: -40~85°C ; Storage temperature: -45~85°C Relative Humidity: 5%~95 %(no condensation)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): $\pm 8\text{kV}$ (contact), $\pm 15\text{kV}$ (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: $\pm 4\text{kV}$; Data Port: $\pm 2\text{kV}$ IEC61000-4-5 (Surge): Power Port: $\pm 2\text{kV/DM}$, $\pm 4\text{kV/CM}$; Data Port: $\pm 2\text{kV}$ IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Shell	IP40 protect grade, metal shell
Installation	DIN-Rail or Wall mounts
Packing List	1× Industrial Ethernet Switch (plus terminal block) 1× User Manual/Certificate of quality/Warranty card 1× DIN-Rail mounting kit
Certification	CE mark, commercial; FCC Part 15 Class B; VCCI Class B EN 55022 (CISPR 22), Class B
MTBF	300,000 hours
Weight & Size	Product Weight: 0.7 KG Packing Weight: 0.9KG Product size (L×W×H): 15.7cm× 12cm× 4.8cm Packing size(L×W×H): 22cm× 22cm× 7cm
Warranty	5-years