

Product: Industrial Grade Ethernet Switch
5-port 10/100Mbps
Model: 02-IES05F



RoHS

Overview

Industrial Ethernet switch, 5 Port 10/100Mbps ports , for connecting with devices like computer, switch, hub, server, etc, as well as Ethernet camera, industrial VoIP phone, wireless AP .

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. Ethernet input also chooses industry-standard types of Ethernet

Features

- 5 Port 10/100Mbps
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100Mbps Auto-negotiation , auto-MDI-MDI-X
- LED indicators for monitoring Ethernet/link/activity
- Supports 10/100Mbps-Full/Half-duplex
- Supports DIN-Rail installation
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC Ethernet inputs.
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- 6KV port Lightning protection
- -40°C~+85°C operating temperature range.
- 5-Year Warranty

Technical Specification

Product Name	5 Port 10/100M Industrial Switch
Product Model	02-IES05F
Interface	5x10/100Base-T port RJ45
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z ; IEEE802.3x;
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:0.68M Packet Forwarding Rate:0.744Mpps MAC Address Table: 2K
Forwarding Mode	Store-and-Forward
Protection	Lightening protection, IP40 protection
LED Indicators	Ethernet: PWR; Link; Link/Act
Ethernet Supply	Input Voltage: DC12 ~ 48V /Terminal block

Other Specifications	
Working Environment	Working temperature: -40~ +85°C ; Storage temperature: -40~ +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): Ethernet Port: $\pm 4\text{kV}$; Data Port: $\pm 2\text{kV}$ IEC61000-4-5 (Surge): Ethernet Port: $\pm 2\text{kV}/\text{DM}$, $\pm 4\text{kV}/\text{CM}$; 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
Packing List	1× Industrial 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: 0.36KG Packing Weight: 0.46KG Product size (L×W×H): 118mm× 86mm× 34mm Packing size(L×W×H): 167mm× 135mm× 53mm
Warranty	5-years