Product: Industrial Grade Media Converter
1-port 10/100Base Ethernet+ 1-port 100Base SC Fiber
Model: IS-1F6001

Overview

Industrial Media Converter, 1 Port 10/100Base Ethernet and 1 port 100Base SC Dual ,for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP.

Specially designed for harsh outdoor applications. Its 3KV 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

Industrial Media Converter

Features

- 1 Port 10/100Mbps RJ45, 1 port 100Base SC (Dual Fiber / Single Mode)
- Automatic MAC address learning and aging
- 10/100/1000Mbps Auto-negotiation , auto-MDI-MDI-X
- LED indicators for monitoring power/link/activity
- Supports 10/100Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation
- Supports Daisy-Chain connection
- Super lightening protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs. 10-57VDC
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- 40℃-85℃ operating temperature range.

Technical Specification	
Product Name	1 Port 10/100M Industrial Media Converter
Product Model	IS-1F6001
Interface	1x 10/100Base-T Ethernet port + 1x 100Mbps SC Dual
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 100Base-T; IEEE802.3z 100Base-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: 2Gbps Packet Buffer Memory:512K Packet Forwarding Rate:148800pps/port MAC Address Table: 1K
Forwarding Mode	Store-and-Forward
Protection	Lightening protection, IP40 protection
LED Indicators	Power: PWR; Link; Link/Act
Power Supply	Input Power: 2x10~57VDC (Terminal Block)

Other Specifications

Working Environment	Working temperature: -40～85℃ ; Storage temperature: -40～85℃ Relative Humidity: 5%~95 %(no condensation)
Industry Standard	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: ±2kV 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 Media Converter (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): 12.8cm× 11.5cm× 3.3cm Packing size(L×W×H): 22cm× 22 cm× 7cm
Warranty	5-years

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