V-IS10F-9T

MAIN FEATURES

9-ports 10/100Mbps industrial RJ45 Switch Din rail, Dual Power 12-52VDC input, Working Temperature -40°C to +75°C

Input Voltage: DC12~52V (NoN-PoE)

Operating Temperature: $-40^0C \sim +75^0C$

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

PRODUCT DESCRIPTION

It is an hardened 9-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 9-port 10/100/100BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40^0C to 75^0C.

This series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

It is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs

Also known as Industrial Ethernet Switch, which is an Ethernet switch device used in industrial control. Due to the adopted network standard, it is

open, widely used, and inexpensive. It uses a transparent and unified TCP/IP protocol. The network has become the main communication standard in the field of industrial control.

Industrial switches feature carrier-grade performance to withstand harsh environments. With a wide range of products and flexible port configurations, it can meet the needs of various industrial fields. The product features a wide temperature design with a protection rating of no less than IP30 and supports standard and proprietary ring redundancy protocols

KEY FEATURES

Industrial protection

Wide range of operating temperature

Surge protection for power

Surge protection for Ethernet port

Dual Power Supply

DIP SWITCH

1 C/D	Remote PD Reset
2 LGY	Standard/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset

PRODUCT PARAMETERS

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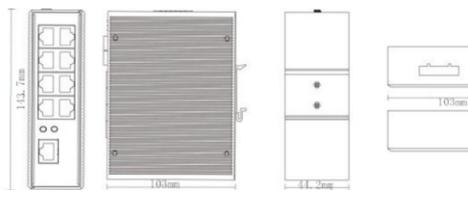| Description	Specifications
10/100BASE-TX Port	8 port RJ45 auto-MDI / MDI-X 1 port RJ45 uplink
Performance Specification	Bandwidth: 1.8Gbps Packet Buffer Memory:1.25Mbit Packet Forwarding Rate:1.4Mpps MAC Address Table: 4K
Installation	DIN rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow POE: Green
Power Input (redundant power)	12 -52V DC (Non-POE)
Power Consumption	3 watts max for device (not include POE)
Surge protection	±4KV
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 cables	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤10meter) 1000BASE-TX: Cat6 or later UTP (≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) 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)
Certification	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	143.7 x 103 x 47.7 mm
Weight	Product Weight: 0.52KG Packing Weight: 0.62KG

Working Environment	Working temperature: -40～75℃ ; Storage temperature: -40～75℃ Relative Humidity: 5%~95 %(no condensation)

ORDERING INFORMATION

Switch	
Product number	Product description
V-IS10F-9T	9-ports 10/100Mbps industrial RJ45 Switch Din rail, Dual Power 12-52VDC input, Working Temperature -40°C to +75°C
Package Contents	
1x Device 1x Phoenix Terminal 1x Qualified Certificate 1x Instruction & Warranty Card	

SIZE AND APPEARANCE

Front view   Side view   Back view   Top/Bottom view

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