V-IS10F-4T-2SC20

MAIN FEATURES

4 Port 10/100Mbps RJ45, 2 SC Port, Single mode, Dual fiber, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40°C to +75°C

Input Voltage: DC12~58V (Non-PoE)

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

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

PRODUCT DESCRIPTION

This device is 2*100Base-X SC Fiber port, Single mode, Dual fiber 4*10/100M Base-TX Industrial Ethernet Switches. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

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.

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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

IP40	Industrial protection
75°C / -40°C	Wide range of operating temperature
10KV	Surge protection for power
6KV / 4KV	Surge protection for Ethernet port
DC 12~58V	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

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Description	Specifications
Provider Mode Ports	
Fixed port	2*100 Base-FX SC, 4*10/100Base-TX
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT ,NMC, ALM
DIP Switch	
1 C/D	Remote PD Reset
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	20KM SMF
Electrical Specifications	
Input voltage	DC12-58V (Non-PoE)
Total Power consumption	Total power<6W(Non-PoE)
Voltage Alarm	Support
Network Topology	
Ring topology	Unsupport
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Layer 2 Switching	
Switching capacity	14G
Packet forwarding rate	10.416Mpps
Mac address table	8K
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	2K Bytes
WatchDog	Support
Port Isolation	Support
Environment	
Operating temperature	-40℃~+75℃ The device is tested for 4 hours at temperatures in 85℃
Storage temperature	-40℃~+75° C

Relative humidity	5%~95% non-condensing
Thermal methods	Fanless design, natural cooling
MTBF	100,000 hours
EMC & INGRESS PROTECTION	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level X (4KV/4KV) (10/700us)
RS	IEC 61000-4-3 Level 3 (10V/m)
EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level 4 (30A/m)
DIP	IEC 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Mechanical Dimensions	
Product size	143X104X48mm
Installation Method	DIN rail
Weight	0.6KG
Authentication	
Authentication	*CCC/CE/FCC/RoHS*
Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)

ORDERING INFORMATION

Switch	
Product number	Product description
V-IS10F-4T-2SC20	4 Port 10/100Mbps RJ45, 2 SC Port, Single mode, Dual fiber, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40℃ to +75°C
Package Contents	
• 1x Device • 1x Phoenix Terminal • 1x Qualified Certificate • 1x Instruction & Warranty Card	

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SIZE AND APPEARANCE

48mm

104mm

35mm

143mm

Front view

Side view

Back view

Top view

Bottom view

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