V-IS10F-1T-FC20-A/B

MAIN FEATURES



1 Port 10/100Mbps RJ45 + 1 Port Fiber Uplink, Single mode, Single fiber, FC, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40°C to +75°C

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

Operating Temperature: -40°C~+75°C

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

This device 1*100Base-X FC Fiber port, Single mode, Single fiber 1*10/100M Base-T 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. The device can be widely applied to various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

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 \\\\\\

Description	Specifications			
Provider Mode Ports				
Fixed port	1*100Base-X FC, 1*10/100Base-T			
Power interface	Phoenix terminal, dual power supply			
LED Indicators	P1/P2, OPT			
DIP Switch				
1 LFP	LFP/ Remote PD Reset			
2 LGY	LEGACY (Standard & Non-standard			
	PoE)			
3 VLAN	Port Isolation			
4 BSR	Storm Control Configuration			
Cable type & Transmission distance				
Twisted-pair	0-100m (CAT5e, CAT6)			
Monomode optical fiber	20KM SMF			
Electrical Specifications				
Input voltage	DC12~58V (Non-PoE)			
Network Topology				
Ring topology	Unsupport			
Star topology	Support			
Bus topology	Support			
Tree Topology	Support			
Hybrid topology	Support			
Layer 2 Switching				
Switching capacity	1G			
Packet forwarding rate	0.297Mpps			
VLAN	Unsupported			
Mac address table	2K			
Buffer	768K			
Forwarding delay	<5us			
MDX/MIDX	Support			
Flow control	Support			
Jumbo Frame	2K Bytes			
Storm Control	Support			
LFP	Support			
Port Isolation	Support			
Environment				
Operating temperature	-40°C~+75°C			



Storage temperature	-40°C~+75°C			
Relative humidity	10%~90% (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 3 (4KV/2KV)			
	(8/20us)			
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV)			
	(10/700us)			
ESD	IEC 61000-4-2 Level 4 (8K/15K)			
Mechanical Dimensions				
Product size	31*91*118mm (W×H×D)			
Installation Method	DIN rail			
Weight	0.36KG			
Authentication				
Authentication	CCC/CE/FCC/RoHS			
Accessories				
Acceptation	Device, Terminals, Specification,			
Accessories	Certificate, power adapter(optional)			

ORDERING INFORMATION

Switch		
Product number	Product description	
V-IS10F-1T- FC20-A	1 Port 10/100Mbps RJ45 + 1 Port Fiber Uplink, Single	
	mode, Single fiber, FC, 20KM Din rail, Dual Power 12-	
	58VDC input, Working Temperature -40°C to +75°C	
V-IS10F-1T- FC20-B	1 Port 10/100Mbps RJ45 + 1 Port Fiber Uplink, Single	
	mode, Single fiber, FC, 20KM Din rail, Dual Power 12-	
	58VDC 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



