V-IS10G-1P-FC20-A/B

MAIN FEATURES



1 Port 10/100/1000 POE + 1 Port Fiber Uplink, Single mode, Single fiber, FC, 20KM Din rail, Support IEEE802.3af/at, Dual Power DC48-57V, Each port support Max 30W, -40°C to +75°C

Input Voltage: DC48~57V (PoE)

Operating Temperature: -40°C~+75°C

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

PRODUCT DESCRIPTION

This device 1*1000Base-X FC Fiber port, Single mode, Single fiber 1*10/100/1000Base-T Industrial Ethernet Switches, PoE support. 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





Industrial protection



Dual Power Supply



Wide range of operating temperature



Surge protection for Ethernet port

IEEE 802.3af/802.3at

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*1000Base-X FC,
	1*10/100/1000Base-T
Power interface	Phoenix terminal, dual power
	supply
LED Indicators	PWR, Main board fiber port
	indicator, NMC, Expansion board
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DID Control	fiber port indicator
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	DC48~57V (PoE)
Total Power consumption	Total power<35W
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 Storm Control	10K Bytes Support
LFP or Remote PD Reset	Support
Port Isolation	Support
	Support
Reset	Support



PoE				
PoE port	1			
PoE Protocol	802.3af, 802.3at			
Pin Assignment	1,2,3,6			
PoE Mode	Standard & non-standard are			
	supported			
Remote PD Reset	Supported			
Environment				
Operating temperature	-40°C~+75°C			
Storage temperature	-40°C~+75°C			
Relative humidity	5%~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	0.4KG			
Authentication				
Authentication	CCC/CE/FCC/RoHS			
Accessories				
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)			

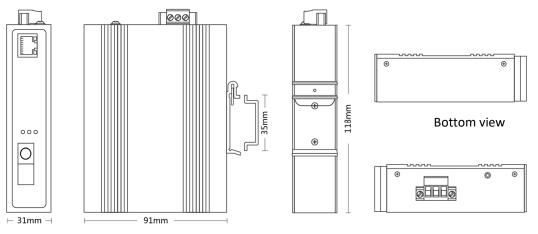
ORDERING INFORMATION

Switch		
Product number	Product description	
V-IS10G-1P- FC20-A	1 Port 10/100/1000 POE + 1 Port Fiber Uplink, Single mode, Single fiber, FC, 20KM Din rail, Support IEEE802.3af/at, Dual Power DC48-57V, Each port support Max 30W, -40°C to +75°C	
V-IS10G-1P- FC20-B	1 Port 10/100/1000 POE + 1 Port Fiber Uplink, Single mode, Single fiber, FC, 20KM Din rail, Support IEEE802.3af/at, Dual Power DC48-57V, Each port support Max 30W, -40°C to +75°C	
Package Contents		
1x Device		
1x Phoenix Terminal		



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- 1x Qualified Certificate 1x Instruction & Warranty Card •

SIZE AND APPEARANCE



Front view

Side view

Back view

Top view

