### V-IS10G-4T-FC20-A/B

#### **MAIN FEATURES**





4 Port 10/100/1000 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

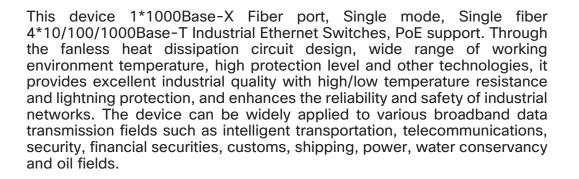
Input Voltage: DC12~58V (Non-PoE)

**Operating Temperature:** -40°C~+75°C

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

#### **PRODUCT DESCRIPTION**





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**





Wide range of operating temperature

Surge protection for power

**Dual Power Supply** 



Surge protection for Ethernet port

#### **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,			
	4*10/100/1000Base-T			
Power interface	Phoenix terminal, dual power			
	supply			
LED Indiantoro				
LED Indicators	PWR, Main board fiber port			
	indicator, NMC, Expansion board			
	fiber port indicator			
DIP Switch				
1 LFP	LFP/ Remote PD Reset			
2 LGY	LEGACY (Standard & Non-standard			
	PoE)			
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<5W			
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			



Environment			
	-40°C~+75°C		
Operating temperature	-40°C~+75°C		
Storage temperature			
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			
	Device, Terminals, Specification,		
Accessories	Certificate, power adapter(optional)		

# ORDERING INFORMATION

Switch		
Product number	Product description	
V-IS10G-4T- FC20-A	4 Port 10/100/1000 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-IS10G-4T- FC20-B	4 Port 10/100/1000 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		
<ul> <li>1x Device</li> <li>1x Phoenix Terminal</li> <li>1x Qualified Certificate</li> <li>1x Instruction &amp; Warranty Card</li> </ul>		



## SIZE AND APPEARANCE

