V-IS20G-8P-8S

MAIN FEATURES



Industrial Layer 2 Switch 8 Port 10/100/1000 POE, 8 Port Gigabit SFP Uplink, Ring-Protection Managed, Support IEEE802.3af/at, Each port support Max 30W, Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, DC48-57V, Working Temperature -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

The equipment is 8*1000 Base-X, 8*10/100/1000 Base-T PoE Managed Industrial Ethernet fast switch, through the fanless cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding industrial quality, and integrated switching, safety and various rich protocols, simultaneously supported The public Ethernet multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can 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.

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



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	8*1000 Base-X, 8*10/100/1000			
·	Base-T			
Power interface	Phoenix terminal, dual power			
	supply			
LED Indicators	PWR, Link/ACT LED			
Management Port	Support Console			
Cable type & Transmission distance	Support Corisole			
Twisted-pair	0-100m (CAT5e, CAT6)			
Monomode optical fiber	SMF, MMF			
Electrical Specifications	Civil ; iviivii			
Input voltage	DC48~57V (PoE)			
Total Power consumption	Total power<386W			
Network Topology				
Ring topology	Support			
Star topology	Support			
Bus topology	Support			
Tree Topology	Support			
Hybrid topology	Support			
Layer 2 Switching	Саррен			
Switching capacity	68G			
Packet forwarding rate	50.59Mpps			
Mac address table	16K			
VLAN	Support 4k			
Buffer	12M			
Forwarding delay	<10us			
MDX/MIDX	Support			
Flow control	Support			
Jumbo Frame	10K Bytes			
Storm Control	Support			
Spanning Tree	Support STP/RSTP/MSTP			
Ring Protocol	Support ERPS			
Link Aggregation	Support 12 group			
Multicast	Support IGMP Snooping			
Port Mirroring	Support			
Interface Counters	Support			
QINQ	Support			



000 1V	Support
802.1X	
MAC Authentication	Support
Port Isolation	Support
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support
Ping/tracert test	Support
Dying gasp	Support
DDM	Support
PoE	
PoE port	1-8
PoE Protocol	802.3af, 802.3at
Pin Assignment	12+, 36-
PoE Mode	Standard & non-standard are
	supported
PoE Management	Supported
Convergence	
ACL	Support ACL 500
	Support IP standard ACL
	Support MAC expand ACL Support IP expand ACL
QoS	Support QoS re-marking, priority
400	mapping
	Support SP, WRR queue scheduling
	Support engress rate-limited,
	egress rate-limit Support Policy-based QoS
Environment	Support Folicy based Que
	-40°C~+75°C
Operating temperature	The device is tested for 4 hours at
Character to make a material	temperatures in 85° C -40°C~+75° C
Storage temperature 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 4 (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)
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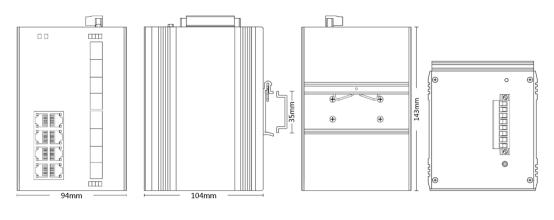


DIP	IEC 61000-4-11 Level 3 (10V)			
ESD	IEC 61000-4-2 Level 4 (8K/15K)			
Free fall	0.5m			
Mechanical Dimensions				
Product size	48X104X143mm			
Installation Method	DIN rail			
Weight	1KG			
Authentication				
Authentication	CCC/CE/FCC/RoHS			
Accessories				
Accessories	Device, Terminals, Specification,			
Accessories	Certificate, power adapter(optional)			

ORDERING INFORMATION

Switch				
Product number	Product description			
V-IS20G-8P-8S	Industrial Layer 2 Switch 8 Port 10/100/1000 POE, 8 Port Gigabit SFP Uplink, Ring-Protection Managed, Support IEEE802.3af/at, Each port support Max 30W, Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, DC48-57V, 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 view

