V-IS20G-8P-2x2.5S

MAIN FEATURES





Industrial Layer 2 Switch 8 Port 10/100/1000 PoE, 2x 2.5G SFP Uplink, Din rail, Support IEEE802.3af/at, Ring-Protection Managed, Each port support: Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, Dual Power DC48-57V input, 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

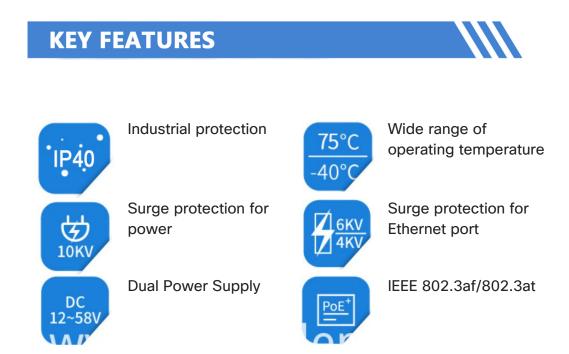


The equipment is 2*1000 Base-X, 8*10/100/1000 Base-T PoE Managed Industrial Ethernet fast switch, through the fanless cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding 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



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	2x 2.5G Base-X, 8*10/100/1000			
	Base-T			
Power interface	Phoenix terminal, dual power input			
LED Indicators	PWR, Link/ACT LED			
	-			
Management Port	Support Console			
Cable type & Transmission distance	0-100m (CAT5e, CAT6)			
Monomode optical fiber	SMF, MMF			
Electrical Specifications				
Input voltage	DC48~58V (PoE)			
Total Power consumption	Total power<250W			
Network Topology				
Ring topology	Support			
Star topology	Support			
Bus topology	Support			
Tree Topology	Support			
Hybrid topology	Support			
PoE				
PoE port	1-8			
PoE Protocol	802.3af, 802.3at			
Pin Assignment	1,2,3,6			
PoE Mode	Standard & non-standard are			
	supported			
PoE Management	Supported			
Layer 2 Switching				
Mac address table	16K			
VLAN	Support 4k			
Buffer	12M			
Forwarding delay	<10us			
MDX/MIDX	Support			
Flow control Jumbo Frame	Support			
Storm Control	10K Bytes 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
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support
	Support
Ping/tracert test	Support
Dying gasp	Support
DDM	Support
Convergence ACL	Support ACL 500
ACL	Support IP standard ACL
	Support MAC expand ACL
	Support IP expand ACL
QoS	Support QoS re-marking, priority
	mapping
	Support SP, WRR queue scheduling
	Support engress rate-limited,
	egress rate-limit
Environment	
Environment	egress rate-limit Support Policy-based QoS
Environment Operating temperature	egress rate-limit
Operating temperature	egress rate-limit Support Policy-based QoS -40°C~+75°C The device is tested for 4 hours at temperatures in 85°C
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Operating temperature Storage temperature Relative humidity Thermal methods MTBF EMC & INGRESS PROTECTION IP Level Surge protection of Power Surge protection of Ethernet port	egress rate-limit Support Policy-based QoS -40°C~+75°C The device is tested for 4 hours at temperatures in 85°C -40°C~+75°C 5%~95% (non-condensing) Fanless design, natural cooling 100,000 hours IP40 IEC 61000-4-5 Level X (6KV/6KV) (8/20us) IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us)
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Operating temperature Storage temperature Relative humidity Thermal methods MTBF EMC & INGRESS PROTECTION IP Level Surge protection of Power Surge protection of Ethernet port RS EFI	egress rate-limit Support Policy-based QoS -40°C~+75°C The device is tested for 4 hours at temperatures in 85°C -40°C~+75°C 5%~95% (non-condensing) Fanless design, natural cooling 100,000 hours IP40 IEC 61000-4-5 Level X (6KV/6KV) (8/20us) IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-4 Level 3 (1V/2V)
Operating temperature Storage temperature Relative humidity Thermal methods MTBF EMC & INGRESS PROTECTION IP Level Surge protection of Power Surge protection of Ethernet port RS EFI CS	egress rate-limit Support Policy-based QoS -40°C~+75°C The device is tested for 4 hours at temperatures in 85°C -40°C~+75°C 5%~95% (non-condensing) Fanless design, natural cooling 100,000 hours IP40 IEC 61000-4-5 Level X (6KV/6KV) (8/20us) IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-6 Level 3 (10V/m)
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Operating temperature Storage temperature Relative humidity Thermal methods MTBF EMC & INGRESS PROTECTION IP Level Surge protection of Power Surge protection of Ethernet port RS EFI CS PFMF	egress rate-limit Support Policy-based QoS -40°C~+75°C The device is tested for 4 hours at temperatures in 85° C -40°C~+75°C 5%~95% (non-condensing) Fanless design, natural cooling 100,000 hours IP40 IEC 61000-4-5 Level X (6KV/6KV) (8/20us) IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-6 Level 3 (10V/m) IEC 61000-4-8 Level 4 (30A/m)

Scodena

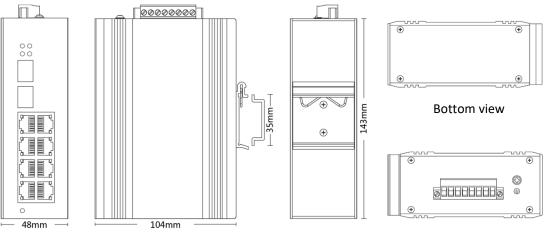
Mechanical Dimensions	
Product size	48X104X143mm
Installation Method	DIN rail
Weight	0.58KG
Authentication	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)

ORDERING INFORMATION



Switch		
Product number	Product description	
V-IS20G-8P- 2x2.5S	Industrial Layer 2 Switch 8 Port 10/100/1000 PoE, 2x 2.5G SFP Uplink, Din rail, Support IEEE802.3af/at, Ring-Protection Managed, Each port support: Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, Dual Power DC48-57V 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



Front view

Side view

Back view

Top view

