V-IS20G-16T-2S

MAIN FEATURES

Industrial Layer 2 Switch 16 Port 10/100/1000, 2 Port Gigabit SFP Uplink, Din rail, Ring-Protection Managed, Support: Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, Dual Power 12-58VDC input, Working Temperature -40°C to +75°C

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

Operating Temperature: -40^{0}C~+75^{0}C

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

PRODUCT DESCRIPTION

The equipment is 2*1000 Base-X, 16*10/100/1000 Base-T 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.

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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

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PRODUCT PARAMETERS

Description	Specifications
Provider Mode Ports	
Fixed port	2*1000 Base-X, 16*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	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	SMF, MMF
Electrical Specifications	
Input voltage	DC12~58V (Non-PoE)
Total Power consumption	Total power<26W
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Layer 2 Switching	
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
802.1X	Support
MAC Authentication	Support
Port Isolation	Support

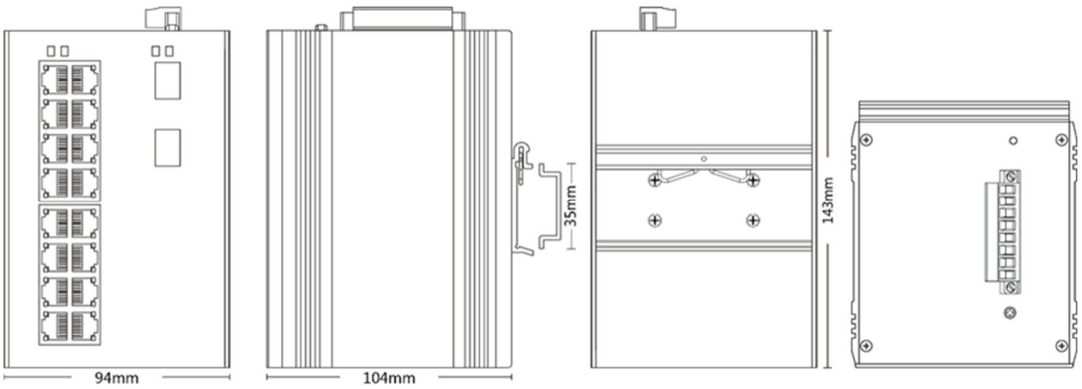
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support
Ping/tracert test	Support
Dying gasp	Support
DDM	Support
Convergence	
ACL	Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL
QoS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support engress rate-limited, egress rate-limit Support Policy-based QoS
Environment	
Operating temperature	-40°C~+75°C The device is tested for 4 hours at temperatures in 85°C
Storage temperature	-40°C~+75° C
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)
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, Certificate, power adapter(optional)

ORDERING INFORMATION

Switch	
Product number	Product description
V-IS20G-16T-2S	Industrial Layer 2 Switch 16 Port 10/100/1000 +2 Port Gigabit SFP Uplink, Din rail, Ring-Protection Managed, Support: Web, CLI, SNMP, VLAN, RSTP/MSTP/ERPS, 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



Front view Side view Back view Top view