# V-IS10G-4P-2S

#### **MAIN FEATURES**





4 Port 10/100/1000 POE+, 2 Port Gigabit Fiber (SFP) Uplink, 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 is 2\*1000Base-X & 4\*10/100/1000Base-T Industrial Ethernet PoE Switches. 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. It can better 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



Surge protection for power

**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	2*1000 Base-X,			
	4*10/100/1000Base-T			
Power interface	Phoenix terminal, redundant dual			
	power supply			
LED Indicators	PWR, OPT ,NMC, ALM			
DIP Switch				
1 C/D	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	20/40/60/80/100KM			
Electrical Specifications				
Input voltage	DC48~57V (PoE)			
Total Power consumption	Total power<126W			
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 Jumbo Frame	Support 10K Bytes			
	Support			
WatchDog Port Isolation	Support			
Reset	Support			
PoE				
PoE port	1-4			
PoE Protocol	802.3af, 802.3at			



Pin Assignment	1,2,3,6			
PoE Mode	Standard & non-standard are			
	supported			
Remote PD Reset	Supported			
Environment				
	-40°C~+75°C			
Operating temperature	The device is tested for 4 hours at			
	temperatures in 85°C			
Storage temperature	-40°C~+85°C			
Relative humidity Thermal methods	5%~95% non-condensing			
MTBF	Fanless design, natural cooling 100,000 hours			
EMC & INGRESS PROTECTION				
IP Level	IP40			
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV)			
0 1	(8/20us)			
Surge protection of Ethernet port	IEC 61000-4-5 Level X (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	143X104X48mm			
Installation Method	DIN rail			
Weight	0.6KG			
Authentication				
Authentication	CCC/CE/FCC/RoHS			
Accessories				
Accessories	Device, Terminals, Specification,			
	Certificate, power adapter(optional)			

# ORDERING INFORMATION



Switch	
Product number	Product description
V-IS10G-4P-2S	4 Port 10/100/1000 POE+2 Port Gigabit Fiber (SFP) Uplink, Din rail, Support IEEE802.3af/at, Dual Power

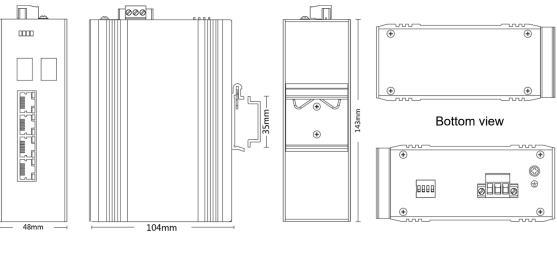


DC48-57V, Each port support Max 30W, -40°C to +75°C

#### Package Contents

- 1x Device
- 1x Phoenix Terminal
- 1x Qualified Certificate
- 1x Instruction & Warranty Card

## SIZE AND APPEARANCE



Front view

Side view

Back view

Top view

