### V-IS10F-8P-2S

#### **MAIN FEATURES**





8 Port 10/100Mbps 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\* 100Base-X & 8\*10/100Base-TX 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





Industrial protection



**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*100 Base-X, 8*10/100Base-TX		
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	20KM SMF		
Electrical Specifications			
Input voltage	DC48~57V (PoE)		
Total Power consumption	Total power<246W		
Network Topology			
Ring topology	Unsupport		
Star topology	Support		
Bus topology	Support		
Tree Topology	Support		
Hybrid topology	Support		
Layer 2 Switching			
Switching capacity	26G		
Packet forwarding rate	19.34Mpps		
Buffer	2M		
Mac address table	15K		
Forwarding delay	<5us		
MDX/MIDX	Support		
Flow control	Support		
Jumbo Frame	10K Bytes		
WatchDog	Support		
Port Isolation	Support		
РоЕ			
PoE port	1-8		
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	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 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	0.5KG			
Authentication				
Authentication	CCC/CE/FCC/RoHS			
Accessories				
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)			

## ORDERING INFORMATION

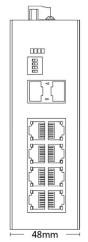


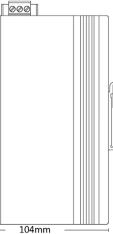
Switch		
Product number	Product description	
V-IS10F-8P-2S	8 Port 10/100Mbps POE+2 Port Gigabit Fiber (SFP) Uplink, Din rail, Support IEEE802.3af/at, Dual Power DC48-57V, Each port support Max 30W, -40°C to +75°C	
Package Contents		
1x Device		

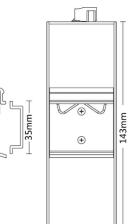


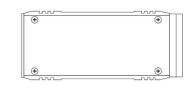
- 1x Phoenix Terminal •
- •
- 1x Qualified Certificate 1x Instruction & Warranty Card •

# SIZE AND APPEARANCE

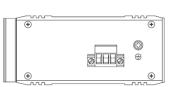








Bottom view



Front view

Side view

Back view

Top view

