## **IMG-8P Series**

#### **MAIN FEATURES**





2\*1000Base-X, 8\*10/100/1000Base-T Industrial Ethernet PoE Switches Input Voltage: DC12~58V(Non-PoE), DC48-58V(PoE) Operating Temperature: -40°C ~ +75°C Shell: IP40 protection, fanless design Test Report: CCC, RoHS, FCC, CE Anti-static: 8KV-15KV MTBF: 100000 Hour

### **PRODUCT DESCRIPTION**

This device is 2\*1000Base-X & 8\*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.

### **RRODUCT PARAMETERS**



**Provider Mode Ports** 

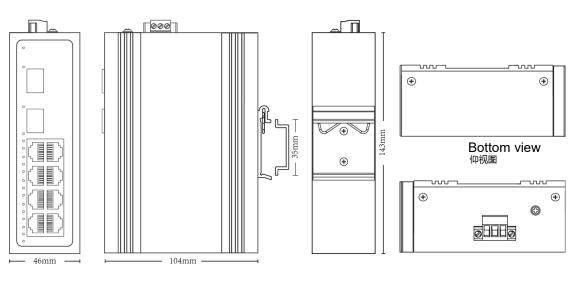


Fixed port	2*1000 Base-X, 8*10/100/1000Base-T
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT, NMC, ALM
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Cable Type & Transmission Dist	tance
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	550m
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input voltage	DC12-58V (Non-PoE) , DC48~58V(PoE)
Total Power consumption	<6W(Non-PoE); <246W(PoE)
Voltage Alarm	Support
PoE Support	
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	Support
Layer 2 Switching	
Switching capacity	20G
Packet forwarding rate	14.88Mpps
MAC address table	16K
Buffer	2M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10K Bytes
WatchDog	Support
Port Isolation	Support
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Environment	
Operating temperature	-30°C~+75°C
Storage temperature	-40°C~+85°C
Relative humidity	5%~95% non-condensing
	Fanless, natural cooling
Thermal methods	



Product size	46X104X143mm
Installation Method	DIN rail
Weight	0.5KG around
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)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Authentication	
Authentication	CCC, CE, FCC, RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate,
	power adapter(optional)
Optional model	
IMG-8P-2SFP	2*1000Mbps SFP Port
	8*10/100/1000Mbps RJ45 Port support POE
IMG-8P-2SC	2*1000Mbps SC Port
	8*10/100/1000Mbps RJ45 Port support POE

# SIZE AND APPEARANCE



Front view

Side view

Back view

Top view

