

# 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.

## PRODUCT PARAMETERS

<b>Provider Mode Ports</b>
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**Scodena**

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
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	550m
<b>Network Topology</b>	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	DC12-58V (Non-PoE) , DC48~58V(PoE)
Total Power consumption	<6W(Non-PoE); <246W(PoE)
Voltage Alarm	Support
<b>PoE Support</b>	
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
<b>Layer 2 Switching</b>	
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
<b>Environment</b>	
Operating temperature	-30°C~ +75°C
Storage temperature	-40°C~ +85°C
Relative humidity	5%~95% non-condensing
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
<b>Mechanical Dimensions</b>	

Product size	46X104X143mm
Installation Method	DIN rail
Weight	0.5KG around
<b>EMC &amp; Ingress Protection</b>	
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
<b>Authentication</b>	
Authentication	CCC, CE, FCC, RoHS
<b>Accessories</b>	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)
<b>Optional model</b>	
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

