

# IMG-2P-1SC Series

## MAIN FEATURES



### 1\*1000Base-X, 2\*10/100/1000Base-T Unmanaged Industrial PoE Switches

**Input Voltage:** DC12~58V(Non-PoE), DC48~58V(PoE)

**Operating Temperature:** -30°C ~ +75°C

**Shell:** IP40 protection, fanless design

**Test Report:** CCC, RoHS, FCC, CE

**Anti-static:** 8KV-15KV

**MTBF:** 100000 Hours

## PRODUCT DESCRIPTION

This device 1\*1000Base-X, 2\*10/100/1000Base-T Industrial Ethernet Switches, PoE is optional. 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. The device can be widely applied to various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

## PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	1*1000Base-X, 2*10/100/1000Base-T

Power interface	Phoenix terminal, dual power supply
LED Indicators	PWR, Main board fiber port indicator, NMC, Expansion board fiber port indicator
<b>DIP Switch Instructions</b>	
1 LFP	LFP/ Remote PD Reset
2 LGY	LEGACY (Standard & Non-standard PoE)
3 VLAN	Port Isolation
4 RST	Reset
<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	<5W(Non-PoE), <65W(PoE)
<b>PoE</b>	
PoE port	1~2
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Mode	Standard & Non-standard mode
<b>Layer 2 Switching</b>	
Switching capacity	14G
Packet forwarding rate	10.416Mpps
MAC address table	8K
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo frame	10K bytes
Storm Control	Support
LFP or Remote PD Reset	Support
Port Isolation	Support
Reset	Support
<b>Environment</b>	
Operating temperature	-30°C~+75°C
Storage temperature	-30°C~+75°C
Relative humidity	5%~90% (non-condensing)
Thermal methods	Fanless, natural cooling

MTBF	100,000 hours
<b>Mechanical Dimensions</b>	
Product size	31*91*118mm (W×H×D)
Installation Method	DIN-rail
Weight	0.4KG around
<b>EMC &amp; Ingress Protection</b>	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
<b>Authentication</b>	
Authentication	CCC/CE/FCC/RoHS
<b>Accessories</b>	
Accessories	Device, Terminals, Specification, Certificate Adapter(optional)
<b>Optional Model</b>	
IMG-2P-1SC	1*1000Base-X SC fiber port, 2*10/100/1000M RJ45 Port, PoE support 802.3af & at
IMG-2P-1SC-A	1*1000Base-X SC fiber port(single mode single fiber), 2*10/100/1000M RJ45 Port, PoE support 802.3af & at
IMG-2P-1SC-B	1*1000Base-X SC fiber port(single mode single fiber), 2*10/100/1000M RJ45 Port, PoE support 802.3af & at

## SIZE AND APPEARANCE

