Mini Industrial Managed 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Ethernet Switch

Features

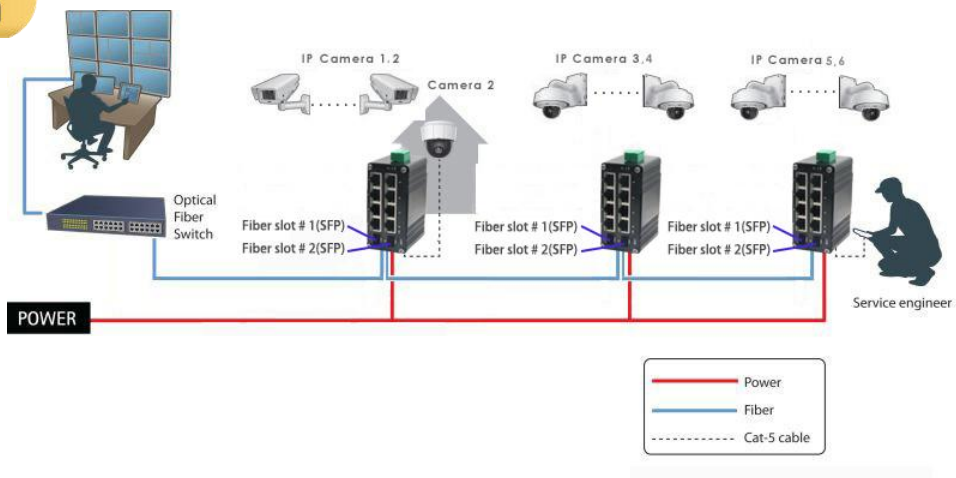
- 8x10/100/1000Base-TX + 2x100/1000Base-X SFP
- 10/100/1000Mbps RJ45 Port Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- Supports WEB Management
- Supports IEEE 802.3at PoE+ (30W per port)
- Supports 802.3x Flow Control
- Support IEEE802.3/802.3u/802.3ab/802.3z/802.3x store and forward mode
- Support IEEE 802.3D/W/S standard STP/RSTP protocol
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- Redundant Power Inputs
- Supports DIN-Rail installation
- -40°C to 80°C (-40°F to 176°F) operating temperature.



Overview

ZP-IMC208MGP-SFP, a managed industrial network switch, with 8 ports 10/100/1000Base-TX IEEE802.3at RJ45 + 2 ports 100/1000Base-X SFP. The Switch provides 8 ports PoE+ function for kinds of Powered Devices to receive power as well as data over the RJ-45 cable. The 100/1000Base-X SFP supports 1 or 2 core Single-mode or Multi-mode fiber. With its reliable design and ease of use, the product is a great choice for integrating networks consisting of network devices such as IP cameras and wireless access points between remote locations.

Application



Technical Indexes

Ethernet	
Standards:	IEEE802.3 10BASE-T
	IEEE802.3u 100BASE-TX/FX
	IEEE802.3ab 1000BASE-T
	IEEE802.3z 1000BASE-X
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE802.3af Power over Ethernet
	IEEE802.3at Power over Ethernet
Forward & Filtering Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Backplane bandwidth	20Gbps
Packet Buffer Memory:	9216 bits
Processing Type:	Store-and-Forward
Max Packet Length:	9K Bytes Jumbo Frame
Address Table Size:	4K MAC Addresses
Interface	
Connector:	8 x RJ45
Optical Port:	2 x 100/1000Base-X SFP
PoE (Power over Ethernet)	
Standard:	IEEE 802.3at Power over Ethernet Plus
	IEEE 802.3af Power over Ethernet
Port:	RJ45
Power Pin Assignment	4/5(+), 7/8(-) Mode-B
PoE Budget:	Up to 240-watt PoE budget
Environmental	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
Electrical and Mechanical	
Input Power:	48~57VDC, Redundant Power (4-pin Terminal Block)
Power Consumption:	5W Max.(PoE in Use<240W)
Protection:	
Power Input Overload:	Automatic Resettable
Reverse Polarity:	Present
LED Indicators:	
PWR:	Power Status
Ethernet (Per Port):	Link/Activity

PoE:	PoE Status
Fiber:	Gigabit SFP Port: F9~F10
Dimensions (WxDxH):	95 x 70 x 46 mm
Weight:	300g
Casing:	Aluminum Case
Mounting Options:	DIN-Rail mount
Software Features	
Redundancy Protocols	Support STP/RSTP
Multicast Support	Support IGMP Snooping V1/V2/V3
VLAN	Support IEEE 802.1Q 4K VLAN
QOS	Support Port, 1Q, ACL, DSCP, CVLAN, SVLAN, DA, SA, Port Priority, Queue Weight
Diagnostic Maintenance	Support port mirroring, Syslog, Ping
Management Function	WEB
Security	Broadcast/Multicast Storm Protection, MAC filtering, MAC Constraint
Regulatory Approvals	
ISO9001, CE, RoHS, FCC	
EN55022:2010+AC: 2011, Class A	
EN 61000-3-2: 2006+A1: 2009+A2: 2009	
EN 61000-3-3: 2013	
EN55024:2010	
IEC 61000-4-2: 2008 (ESD)	
IEC 61000-4-3: 2010 (RS)	
IEC 61000-4-4: 2012 (EFT)	
IEC 61000-4-5: 2014 (Surge)	
IEC 61000-4-6: 2013 (CS)	
IEC 61000-4-8: 2009 (PFMF)	

Ordering Information

Model	Description
ZP-IMC208MGP-SFP	Mini Industrial Managed 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Ethernet Switch
SFP Options	► SFP option. Please select your SFP on our SFP Options Page
	► SFP module is to be purchased separately.
Mounting Options	► Default DIN-Rail Bracket installed.
Power Options	► 240W/5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.
	► Power Supply is to be purchased separately.