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Phone : +91-20-27293455, 9764027070, 8390069393 Connecting. Converting. Leading !  
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**Industrial 6 Port Managed POE Gigabit Ethernet Switch, Model No. IPSMG 304-2S**

**Overview**



IPSMG 304-2S Industrial Managed POE Switch is a High Power Sourcing Equipment (PSE) device that is compliant with the IEEE802.3af/at standard, providing Power-over-Ethernet over twisted pair cables. With Dual Gigabit SFP Slot, the switch extends Ethernet over distance via fiber, while also eliminating the need for individual power supply for IP video camera and wireless access points.

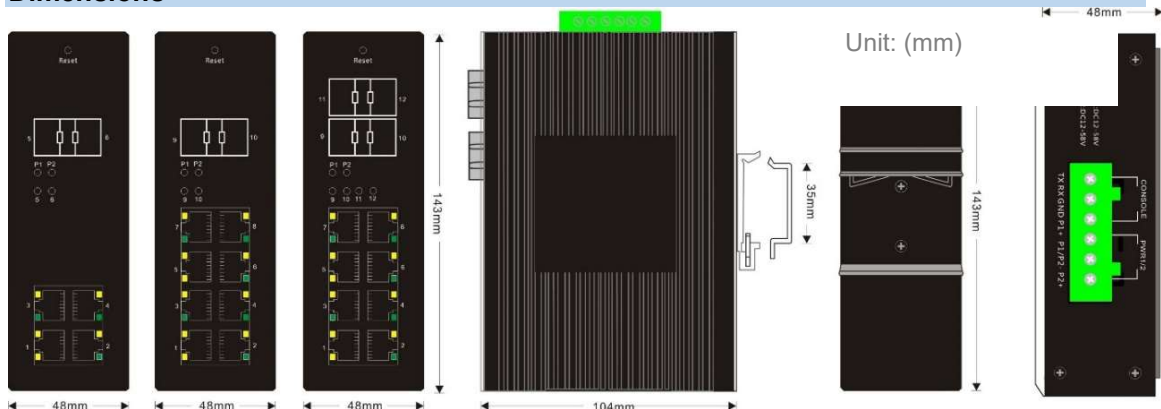
The IPSMG 304-2S features 2x1000Base-X SFP Slot and 4x10/100/1000Base-T twisted-pair port. The SFP slot port for any kind of MSA-compliant pluggable 1.25G SFP Transceivers.

The IPSMG 304-2S series enables real-time deterministic network operation, supports management through SNMPv1/ v2c, CLI (Telnet/Console), Web. They are DIN-rail or wall-mounted, allowing users to deploy any mix of network conversions required.

**Features**

- Support enhanced management through SNMPv1/ v2c, CLI (Telnet/Console), Web
- Provide 4 x 10/100/1000Base-TX POE port
- 2 x 1000Base-X SFP Slot
- IEEE803.3af/at complaint
- RJ45 support Auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Store-and-forward
- Wide operating temperature (-40°C to +85°C)
- Wide-range redundant power design (10 to 58VDC). 48V DC for PoE Operations
- Power Reverse polarity protection
- Overload current resettable fuse
- Provide EFT protection for Power line
- IP40 protection
- Support Ethernet ESD protection
- DIN-Rail and Wall-Mounted Installation
- Low power consumption

**Dimensions**



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### Technical Specifications

Standards	G.8032 (ERPS), IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1p, IEEE802.1x, IEEE802.3ab, IEEE802.1Q, IEEE802.3 af/at IGMP Snooping
Performance	Processing Type : Store and Forward Back Bandwidth : 12Gbps MAC Address Size : 16Kbits Packet Buffer Size : 8Mbit Time Delay : <10us Frame : 10Kbytes Spanning Tree : STP/RSTP/MSTP Ring Protocol : ERPS Management : SNMPv1/ v2c, CLI(Telnet/Console), Web
Copper Port	Data Rate : 10/100/1000M Connector : RJ45 x 4 Distance : 100m
Fiber Port	Data Rate : 1.25G Connector : SFP slot x 2 Distance : Up to SFP Transceivers
LED indicators	PWR1: ON=Power Connected PWR2: ON= Power Connected 1,2,3,4: ON=Copper Connected; Active= Data Transmitting 5,6: ON=Fiber Connected; Active=Data Transmitting
Power	Input Voltage : 10 to 58 VDC, Redundant power inputs : 48V DC for PoE Operations Power Consumption : ≤8W PoE Budget : 15.4Wx4=62W(PoE) 30Wx4=120W(PoE+) : Appropriate 48v DC Power supply to be procured by the user Protection : Overload Current; Reverse Polarity Connector : Terminal Block
Environment	Operating Temperature: -40°C to +85°C Storage Temperature: --40°C to +95°C Relative Humidity: 5 to 95% (no condensation)
Physical Characteristics	Ingress Protection : IP40 Housing : Aluminum Alloy Installation : DIN-rail mounting : Wall mounting kit (optional) Dimension : 155*123*42mm Weight : 0.56kg

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#### Standards and Certifications tested for

EMC	CE
EMI	FCC Part 15 CLASS A
EMS	IEC 61000-4-2 Level 4 (8K/15K)
	IEC 61000-4-3 Level 3 (10V/m)
	IEC 61000-4-4 Level 3 (1V/2V)
	IEC 61000-4-5 Level 3 (4KV/2KV)
	IEC 61000-4-6 Level 3 (10V/m)
	IEC 61000-4-8 Level 4 (30A/m)
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32 0.5m
Vibration	IEC 60068-2-6
Railway Traffic	EN50121-4

#### Order Information : IPSMG 304-2S A

IPSMG 304-2S : Base Model. 6 Port Managed PoE Switch, af/at compliant  
                  : 4 \* 10/100/1000M  
                  : 2\*Giga SFP Slot  
A : For Internal Use

**Note : External Power supply 48V DC / 70/130W to provided by the user or ordered separately**