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**6 Port Industrial Unmanaged Giga POE Ethernet Switch, Model IPSG 104-2S A**



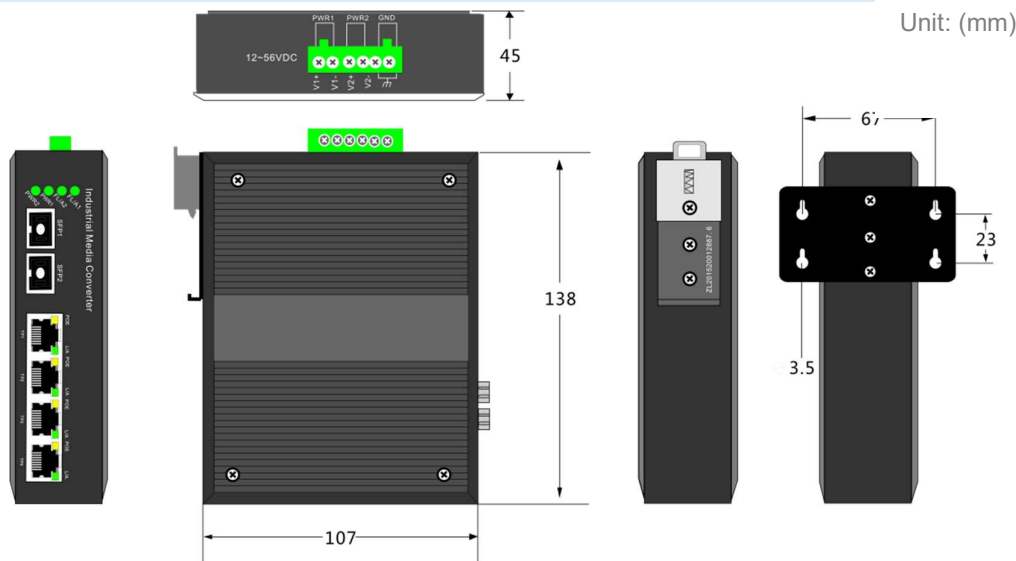
The IPSG 104-2S series Industrial POE Switch is the ideal solution for powering remote devices such as IP phones, video cameras, wireless access points, alarms, traffic controllers, sensors and tracking devices, which are installed 100m far from a Power over Ethernet switch. All Power over Ethernet Powered Devices (IEEE 802.3af/at complaint) are supported, and can deliver a full 15.4W / 30W of power to the remote device. The IGPS 104-2S features 2 x 1000Base-X SFP slots and 4 x 10/100/1000Base-TX twisted-pair port. The twisted-pair port has 4 x RJ-45 connector with a maximum operating distance of 100m. The IGPS 104-2S provides two SFP slot for any MSA-complaint pluggable 1.25G SFP

transceivers.

**Features**

- 4 x 10/100/1000Base-TX Port to 2 x 1000Base-X SFP Slots
- IEEE802.3af/at complaint
- RJ45 support auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Store-and-forward
- Max packet size: 10Kbytes
- Support wide operating temperature (-40°C to +85°C)
- Wide-range redundant power design (12 to 56VDC). 48V DC for PoE mode
- Power polarity reverse protected
- Overload current resettable fuse present
- IP-40 protection
- Provides EFT protection for Power line
- Support Ethernet ESD protection
- DIN-Rail and Wall-Mounted Installation
- Low power consumption

**Dimensions**

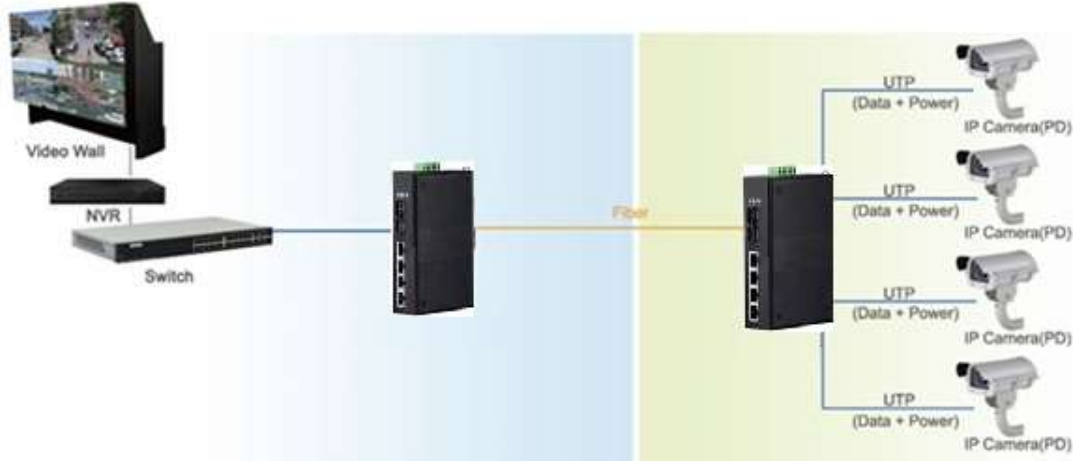


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## Applications



## Technical Specifications

Standards	IEEE802.3 10BaseT IEEE802.3u 100BaseT(X) IEEE802.3ab 1000Base-T IEEE802.3x Flow control and back pressure IEEE802.3af/at POE
Performance	Processing Type : Store and Forward Back Bandwidth : 12Gbps MAC Address Size : 1024 Packet Buffer Size : 1 Mbit Time Delay : <10us Frame : 10Kbytes
Copper Port	Data Rate : 10/100/1000M Connector : RJ45 x 4 Distance : 100m
Fiber Port	Data Rate : 1.25G Connector : SFP Distance : MMF=2km; SMF = 20/40/80/100/120km
LED indicators	PWR1 : ON = Power Connected PWR2 : ON = Power Connected FL/A : ON = Fiber Connected; Active = Data Transmitting TL/A : ON = Copper Connected; Active = Data Transmitting POE : ON = Power Working; Off=No Power
Power	Input Voltage : 12~56 VDC, Redundant power inputs : 48V DC for PoE Mode Power Consumption : ≤7W

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	PoE Budget : 15.4Wx4 = 62W(PoE) 30Wx4 = 120W(PoE+) Protection : Overload Current; Reverse Polarity Connector : Terminal Block
Environment	Operating Temperature : -40°C to +85°C Storage Temperature : -40°C ~ +95°C Relative humidity : 5-95% (no condensation)
Physical Characteristics	Housing : IP40 Protection, Aluminum Alloy Installation : DIN-rail mounting, wall mounting(with optional kit) Dimension : 138*107*45mm Weight : 0.48kg

**Standards 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 : IPSP 104-2S-DC A**

Model No.	Description
IPSP 104-2S	Unmanaged PoE Switch with 4 of 10/100/1000M PoE and 2 1000X SFP Ports, af/at support
DC	48V DC Input Power Supply
A	Fixed

**Note : Power supply to be provided by the User or to be ordered additionally. 48V, 127W or as per configuration selected**  
**: SFP to be ordered separately**