

Industrial 10 Port Unmanaged POE Ethernet Switch, Model No. IPS 108-2S A

Overview

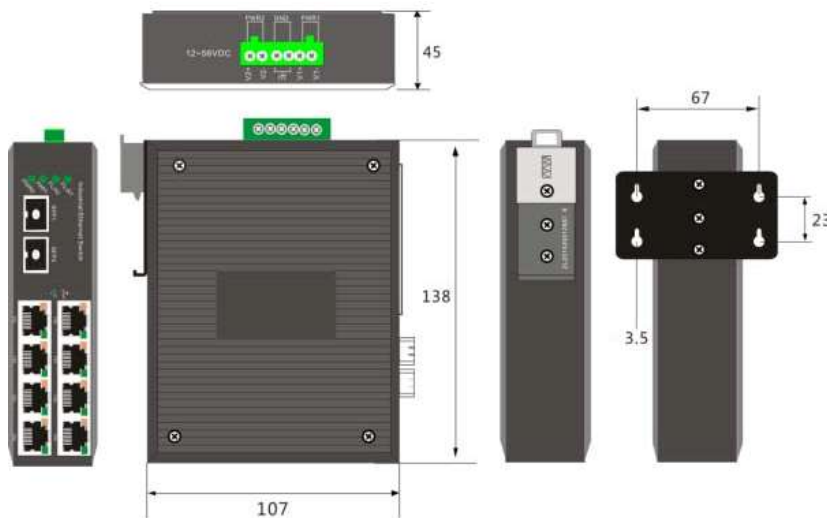


IPS 108-2S A Industrial Unmanaged POE Switch is a High Power Sourcing Equipment (PSE) device that compliant with the IEEE802.3af/at standard, providing Power-over-Ethernet over twisted pair cables in an Ethernet network. With Two Gigabit SFP Slot, the switch extends Ethernet over distance via fiber, while also eliminating the need for individual power supply for IP video camera and wireless access points. The IPS 108-2S A features 8 x 10/100Base-T twisted-pair ports and 2 x 1000Base-X SFP Slots. The SFP slot is for any kind of MSA-compliant pluggable 1.25G SFP Transceivers. The twisted-pair port has 8 x RJ-45 connector with a maximum operating distance of 100m.

Features

- Provide 8 x 10/100Base-TX POE port (48 to 56VDC)
- 2 x 1000Base-X SFP Slot for Daisy-Chain
- IEEE803.3af/at complaint
- RJ45 support auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Store-and-Forward
- Support wide operating temperature (-40°C to +85°C)
- Wide-range Redundant power design
- Reverse polarity protecting
- Overload current resettable fuse present
- IP40 Ingress protection
- Provide EFT protection for Power line
- Support Ethernet ESD protection
- DIN-Rail and Wall-Mounted Installation
- Low power consumption

Dimensions :



San Telequip (P) Ltd.,
 504 & 505 Deron Heights, Baner Road
 Pune 411045, India
 Phone : +91-20-27293455, 9764027070, 8390069393
 email : info@santelequip.com



Technical Specifications

Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE803.3af/at
Performance	Processing Type : Store and Forward Back Bandwidth : 7.6Gbps MAC Address Size : 8Kbits Packet Buffer Size : 1M Time Delay : <20us Frame : 1632bytes
Copper Port	Data Rate : 10/100M Connector : RJ45 x 8 Distance : 100m
Fiber Port	Data Rate : 1.25G Connector : SFP slot x 2 Distance : Depends on SFP Transceivers, Upto 110Km
LED indicators	PWR1 : ON=Power Connected PWR2 : ON= Power Connected FL/A : Copper Connected. Active= Data Transmitting TL/A : Fiber Connected. Active= Data Transmitting POE : ON=POE Working; Off=No POE
Power	Input Voltage : 48 to 56V DC, Redundant power inputs Power Consumption : ≤8W PoE Budget : 15.4Wx8=123W(PoE) 30Wx8 =240W(PoE+) 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	Housing : IP40 Protection, Aluminum Alloy Installation : DIN Rail mounting, wall mounting(with kit) Dimension : 138*107*45mm(device) Weight : 0.48kg(device)

San Telequip (P) Ltd.,
 504 & 505 Deron Heights, Baner Road
 Pune 411045, India
 Phone : +91-20-27293455, 9764027070, 8390069393
 email : info@santelequip.com



Standards and Certifications tested for

EMC	CE
EMI	FCC Part 15 CLASS A
EMS	EN 61000-3-2: 2014
	EN 61000-3-3: 2013
	EN 61000-4-2: 2009
	EN 61000-4-3: 2006+A2: 2010
	EN 61000-4-4: 2012
	EN 61000-4-5: 2014
	EN 61000-4-6: 2014
	EN 61000-4-11: 2004
LVD/Safety	IEC60950-1-A1-E
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32 0.5m
Vibration	IEC 60068-2-6

Order Information IPS 108-2S A

Model No.	Description
IPS	Fast Ethernet Unmanaged PoE Switch
108	8 * 10/100M
2S	2 * Giga SFP Slot
A	Fixed

Note: 48V Power supply to be provided by user or to be ordered additionally