

San Telequip (P) Ltd.,  
504 & 505 Deron Heights, Baner Road  
Pune 411045, India



Phone : +91-20-27293455, 9764027070, 8390069393    Connecting. Converting. Leading !  
email : [info@santelequip.com](mailto:info@santelequip.com)

### Unmanaged 8 Port Giga POE Industrial Ethernet Switch, Model IPSG S 1080



IPSG S 1080 is an Industrial grade Unmanaged POE switch. It is with 8 Gigabit Ethernet ports (supports POE-af/at). This enable the switch to supply power for IEEE802.3af/at devices (PD). It supports DC input, with reverse polarity protection. It supports DIN-Rail and wall-mounted installation.

### Specification Standards

- IEEE 802.3af/at (PoE)
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-T(X)
- IEEE 802.3ab 1000Base-T(X)

### Ports

RJ45 ports : 8 x 10/100/1000Base-T(X) ports (supports POE output)  
LED indication : PWR1, PWR2, FAIL, POE  
POE power pin : +: 1, 2 pins, -: 3, 6 pins  
Alarm contact : 1-CH relay output, NONC 1A@24VDC

- Auto MDI/MDI-X
- Store & Forward
- 18G Switching Capacity
- 4K MAC Address Table
- 1.5Mb Packet Buffer Memory
- Packet Filtering / Forwarding Rates
  - Fast Ethernet : 148810 pps per port
  - Gigabit Ethernet : 1488100 pps per port

### Power Requirements

Voltage input : DC 46~57V, Redundant Dual input Power  
Power consumption : 3A@48V max.  
Connectors : 6 pin Terminal block  
Max Power per Port : 30W per port.  
PoE budget of the Switch : 150W  
Max Power of the Switch : 160W  
Overload protection : Yes  
Reverse polarity protection : Yes

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#### **Mechanical Characteristics**

Ingress Protection : IP40  
Mounting : DIN-Rail / Wall mount  
Size : 150mm×47.6mm×100mm (H\*W\*D)

#### **Operating Environment**

Operating temperature : -40 to 75deg C  
Storage temperature : -40 to 85deg C  
Relative humidity : 5 to 95% (non-condensing)

#### **Standards tested for**

EMI: FCC Part 15 Subpart B classA, EN55022 class A

EMS:

IEC(EN)61000-4-2(ESD)  
IEC(EN)61000-4-3(RS)  
IEC(EN)61000-4-4(EFT)  
IEC(EN)61000-4-5(Surge)  
IEC(EN)61000-4-6(CS)  
IEC(EN)61000-4-8  
IEC 60068-2-27(Shock)  
IEC 60068-2-32(Freefall)  
IEC 60068-2-6(Vibration)

**Ordering Code : IPSP S 1080**  
**: 8 Port Unmanaged Giga PoE Switch, af/at support**

**Note : Power Supply to Power the PD's be purchased by the user separately depending on the PoE ports usage, Max 160W @ 48V DC**