

### 10/100/1000 PoE Injector with Single 60W PoE Port, Model PSE 1310G 60 AC O



- Supply power to HD network surveillance cameras with Cat5e (PoE)
- 2x 10/100/1000M RJ45 ports; 1x AC input port
- AC input : 100V to 230V AC
- Compatible with IEEE 802.3af/at/at+ standard
- With the Ethernet network port and PoE output port
- Power input port with lightning protection
- Can supply power with the spare line pair (4/5 (+), 7/8 (-) method or the data line pair 1/2(+), 3/6(-) method
- No fan, natural heat dissipation

### Highlights

PoE Injector is also called Power over Ethernet mid-span device.

Single port PoE injector is PoE power supply module. There are 2 x RJ45 PoE ports one of which is the Ethernet In Port for the uplink of upper switches or other upper network devices, and another is PoE Out port used as the port for network data and power output. These single-port PoE injectors supply power with the spare line pair (4/5 (+), 7/8 (-) method or the data line pair 1/2(+), 3/6(-) method. These single-port PoE injectors provide a simple, economical, high-performance and intelligent way for Ethernet PoE power supply and data communication. They can supply power to HD webcam through Cat5 Ethernet cable.

### Technical Specification

Product	: 10/100/1000 Single Port PoE Injector, AC Input 60W
Port Description	: 2 x Copper cable RJ45 ports, 1x DC input port
PoE Power Supply	: Mid-span : 4/5, 7/8 data line pair(default) : End-span: 1/2, 3/6. Spare line pair (can be customized)
Network	: 1000BASE-TX: 5Cat and more UTP ( $\leq 100$ meters)
PoE Standards	: IEEE 802.3af/at/at+
Performance	: Baud Rate 10/100/1000Mbps
Network port protection	: Meet with IEC61000-4-2(ESD)
Thermal Protection	: $>100^{\circ}\text{C}$
Power Total power	: 16W (IEEE802.3af), 35W (IEEE802.3at), 65W (IEEE802.3at+)
PoE port power	: 15.4W (IEEE802.3af), 30W (IEEE802.at), 60W (IEEE802.3at+)
AC input voltage	: 110 TO 240V AC, 50 to 60Hz.
Output Voltage	: 48V DC
LEDs Indicator	: PoE working status
MTBF	: 100,000 hours (about 21 years)

### Mechanical

Dimensions	: 116 x 60 x 38(mm), WxHxD.
Weight	: Weight 0.154kg

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

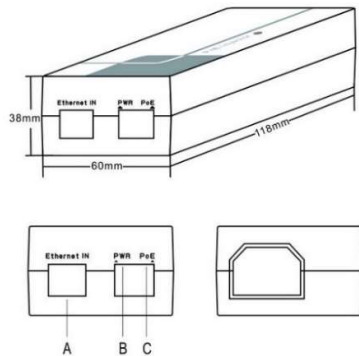


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 email : [info@santelequip.com](mailto:info@santelequip.com)

### Operating Conditions

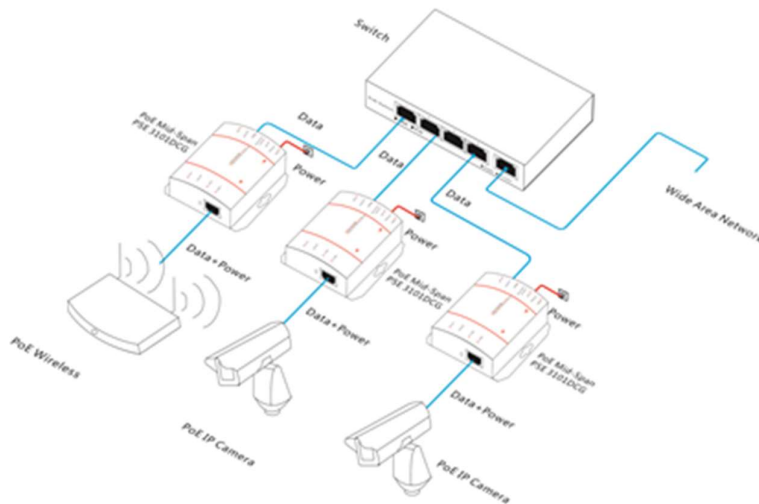
Operating Temperature : -10 to 55°C, Storage Temperature: -20 to 75°C  
 Working Humidity : 10% to 90%, non-condensing  
 Storage Humidity : 10% to 95%, rH non-condensing

### Dimension Schematic



- A. Ethernet input RJ45 port
- B. Working status indicator
- C. POE output RJ45 port
- D. AC 100-240V 50/60Hz input port

### Application



### Product Ordering Code : PSE 1310G 60 AC O

Model	Specs
PSE 1310G	10/100/1000M PoE injector, 2x RJ45 ports
60	IEEE802.3at+, 60W
AC	AC Input
O	For Internal Use