

TPS-EN30GT



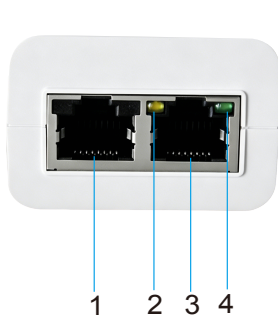
Product Overview



TPS-EN30GT is an indoor rated active PoE midspan Injector specially designed for complex backhaul and networking applications. It provides 52Vdc, 0.58A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 30W PoE PDs, such as wireless APs, Wifi routers, Network cameras, IP Phones, Microwave Radio and other power Ethernet terminals. It fully complies to IEEE802.3af/at PoE standard.

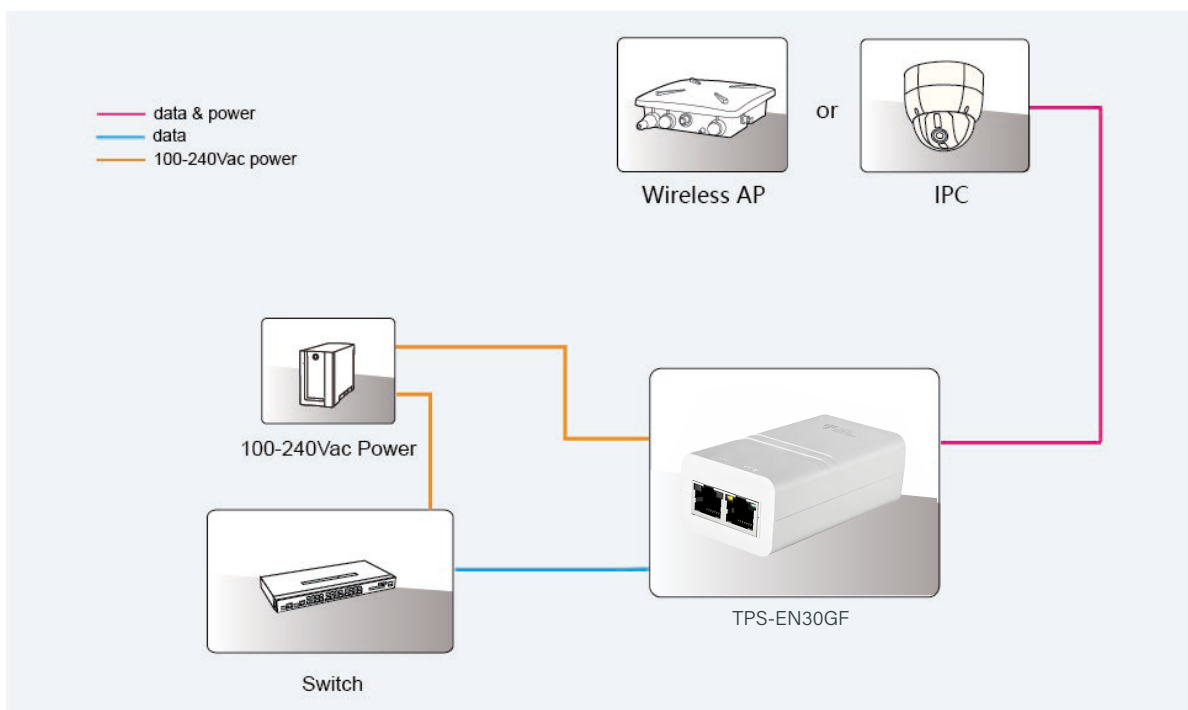
Enclosed in an IP40 fire retardant plastic case. It works with a wide input voltage of 100-240 VAC, 50 or 60 Hz. It has detection chip inside, which will detect and classify PD before powering it. It will not provide power until a standard compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables. It is small in size but high performance.

Product Profile



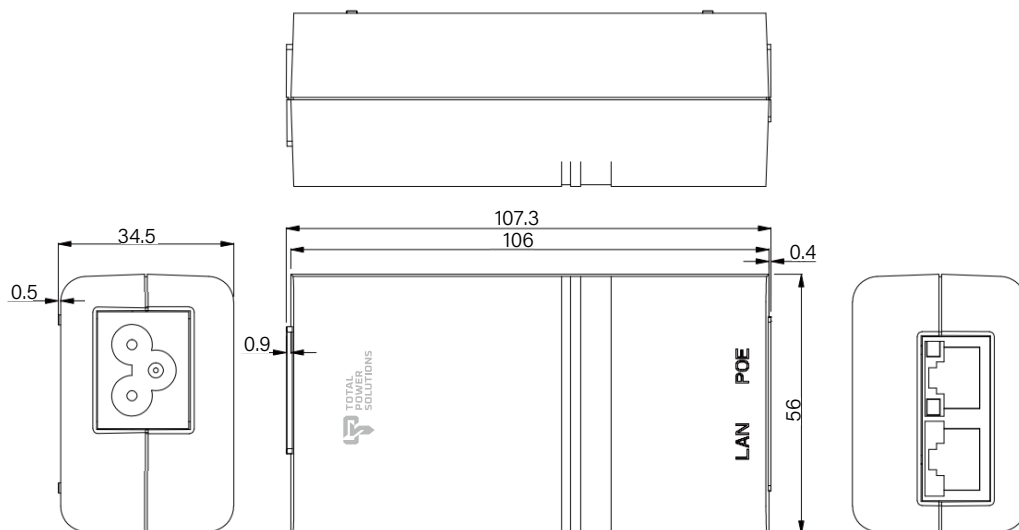
1. LAN: Data Input Port
2. PoE Load Indicator
3. PoE: Data & Power Output Port
4. Power Indicator
5. AC Power Input

Product Working Diagram



Specification			
Input & Output	Input: 100-240Vac 1.0A 50/60Hz Output: 52Vdc 580mA Power Pins: 4/5(+), 7/8(-) Data Speed: 10/100/1000Mbps	Standard	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-Tx Fast Ethernet IEEE802.3ab 1000Base-T Gigabit Ethernet Full compliant with IEEE802.3af PoE standard RoHS Compliance WEEE Compliance
Mechanical Characteristics	Case: Plastic Color: White IP Rated: IP40 Size: 107.3mm X 56mm X 34.5mm Weight: 0.155kg	Working Environment	Operating Temperature: 0°C to 40°C Operating Humidity: 20% to 80%, non-condensation Storage Temperature: -20°C to 70°C Storage Humidity: 10% to 90%, non-condensation Operating Altitude: up to 2000meters
EMS	IEC61000-4-2(ESD) ±6kV(contact), ±8kV(air) IEC61000-4-3(RS) 10V/m(80MHz~2GHz) IEC61000-4-4(EFT) Power Port: ±2kV; Data Port: ±1kV IEC61000-4-5(Surge) Power Port: ±1kV/DM, ±2kV/CM IEC61000-4-6(CS) 10V(150kHz~80MHz)	LED Indicator	Power Indicator: Green PoE Load Indicator : Yellow
		Immunity	IEC60068-2-6(Vibration) IEC60068-2-27(Impact) IEC60068-2-32(Free Fall)
Safety Approvals	CE、FCC、UL	AC Surge Protection	Line-Earth 1.2/50us (8/20us): 2KV Line-Line 1.2/50us (8/20us): 1KV
EMI	FCC CFR47 Part 15, EN55035, EN55032		

Product Outline Dimension



52Vdc/0.58A/1000Mbps/(4,5+,7,8-)/Active