# PoE++ Injector

MODEL: TL-POE170S Datasheet

## Features

- 2 gigabit ports ensure faster transmission
- Complies with IEEE802.3af/at/bt* standards, supplies up to 60 W
- Reduces infrastructure costs by transmitting data and power simultaneously via an Ethernet cable
- Automatically determines and supplies the exact power to meet the device's need
- Wall-mounting and desktop design accommodates most installations scenarios
- Plug & Play installation, requires no configuration
- Integrated power supply
- Durable metal casing

## Overview

The PoE++ Injector TL-POE170S fully complies with IEEE 802.3af/at/bt* standards. The power supply can reach up to 60 W, which can power high-power PTZ IPC, LED and other equipment. Durable metal casing ensures a long product life and compact desktop/wall-mounting design offers more versatile installation at any location.

# Specifications

| | |
|---|---|
| Product Picture | |
| Model | TL-POE170S |
| Standards | IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt |
| Ports | 1 10/100/1000Mbps RJ45 data-in port<br>1 10/100/1000Mbps RJ45 power+data-out port<br>1 AC socket |
| Network Media | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)<br>EIA/TIA-568 100Ω STP (maximum 100m)<br>100BASE-TX: UTP category 5, 5e cable (maximum 100m)<br>EIA/TIA-568 100Ω STP (maximum 100m)<br>1000BASE-T: UTP category 5, 5e, 6 cable(maximum 100m) |
| Basic Function | Auto-Sensing Algorithm enables providing power with 802.3af/at/bt* PD<br>Auto-determine the necessary power requirements<br>Wall-mounting and desktop installation supported<br>Plug-and-Play |
| Power | Input: 100-240 V, 50/60 Hz, 1.6 A<br>Output: Auto-determine the necessary power requirements (max. 60 W) |
| Dimensions ( W x D x H ) | 154.7 x 70 x 42 mm |
| Distance between Wall-mounting Holes | 102 mm |
| Certification | FCC, CE, RoHS |
| Package Contents | TL-POE170S, power cord, RJ45 cable, installation guide |
| Environment | Operating Temperature: 0°C to 45°C (32°F to 113°F)<br>Storage Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Humidity: 10% to 90%RH non-condensing<br>Storage Humidity: 5% to 90%RH non-condensing |

Note:

* TL-POE170S is incompatible with EAP235, EAP225 and EAP225-Outdoor. For these three products, it is recommended to use TL-POE160S.

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