

# 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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