PROCET®
PoE System

Wall Plug 802.3AF standard PoE Injector

PT-PSE10F-EU

Product Overview

PT-PSE10F-EU is a single-port PoE Injector with European standard electricial plug, which is suitable for European socket. It provides 48Vdc, 0.32A power for remote PDs over 2pairs output. It supports 10/100Mbps of data speed. and works for 15.4W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals.

It fully complies to IEEE802.3af PoE standard terminals.

PT-PSE10F-EU is designed for plug and play indoor use with compact structure. It is of good performance but lower in cost. It works with input voltage of 100-240Vac. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected.

The effective distance is 100 meters over Cat5e/Cat6 cables.

CE FC R6HS

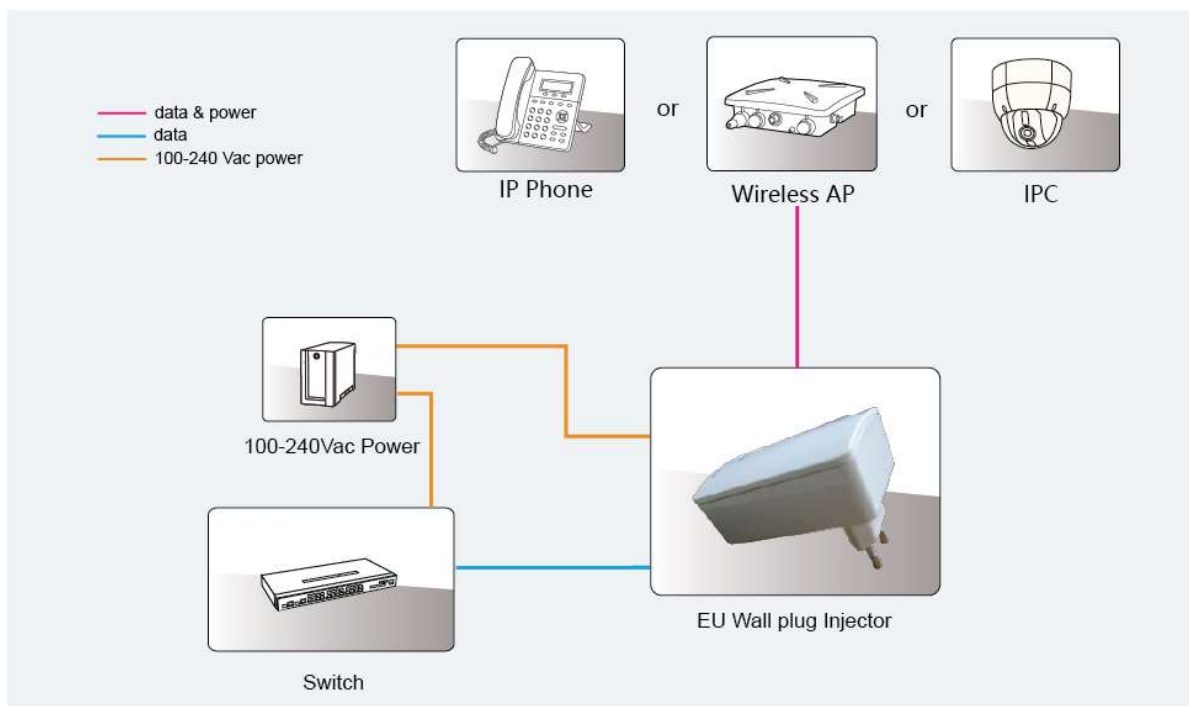## Product Profile

1 2 3

4 5

1. Active: PoE Load Indicator
2. LAN: Data Input Port

3. PoE: Data & Power Output Port
4.5. AC Power Input

Product Working Diagram

- data & power
- data
- 100-240 Vac power

IP Phone   or   Wireless AP   or   IPC

100-240Vac Power

EU Wall plug Injector

Switch

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- Full compliant with IEEE802.3af
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 0.5A 50/60Hz
- Output: 48Vdc 320mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100Mbps

Working Environment

- Operating Temperature: 0℃ to 40℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000meters

AC Surge Protection

- 1.0KV (5P/5N)
- L-N 1.2/50 (8/20) Tr/Th us
- 2.0KV (5P/5N)
- L-PE 1.2/50 (8/20) Tr/Th us
- N-PE 1.2/50 (8/20) Tr/Th us

Mechanical Characteristics

- Case: Plastic
- Color: White
- Mounting: Wall-plug
- IP Rated: IP40
- Size: 83mm X 51mm X 69mm
- Weight: 115g

Safety Approvals

- CE   - FCC

EMI
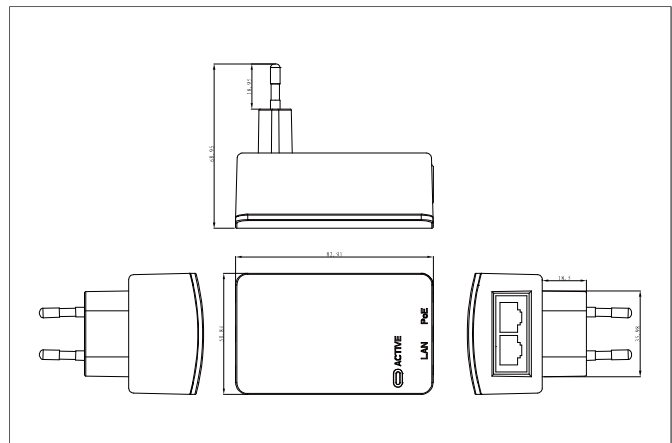
- FCC CFR47 Part 15, EN55024, EN55032

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)

Immunity

- IEC60068-2-6(Vibration)
- IEC60068-2-27(Impact)
- IEC60068-2-32(Free Fall)

LED Indicator

- Power Indicator : Red
- PoE Load Indicator : Green

Order Info. PT-PSE10F-EU   48Vdc/0.32A/100Mbps/(4,5+,7,8-)/Active/Plug EU standard

Packing. PT-PSE10F-EU
Manual x 1