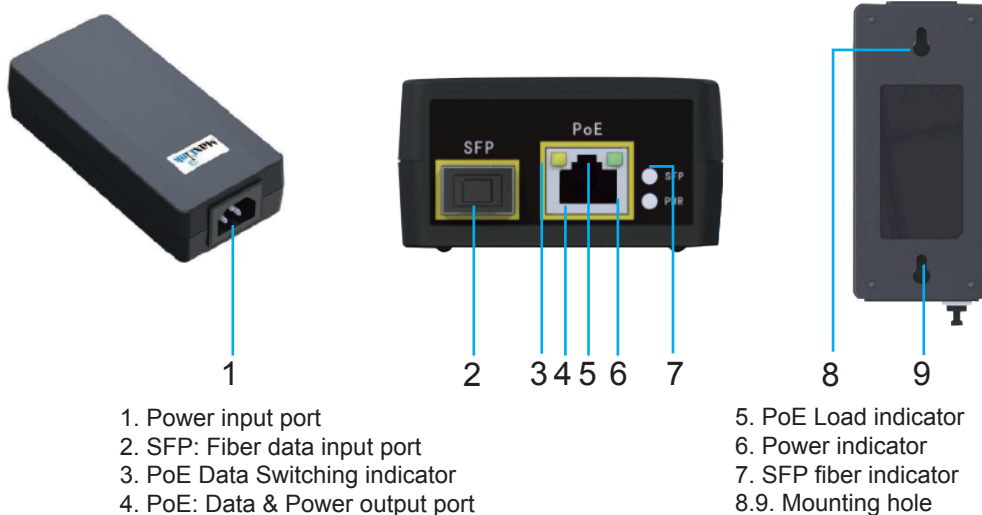# 30W Singe Port SFP PoE Injector

MAXPI30F

Product Overview

MAXPI30F is a single-port PoE injector, which has a flexible SFP transceiver ports for uplink. It provides 55 Vdc, 0.55A power for remote PDs over 2 pairs output. It supports both 10/100Base-T and Gigabit device. It works for 30W PoE PDs, such as wireless access points, network cameras, VoIp phones and other high power Ethernet terminals. It is compliant with IEEE802.3at and also compatible and safe to use with any IEEE802.3af compliant terminals.
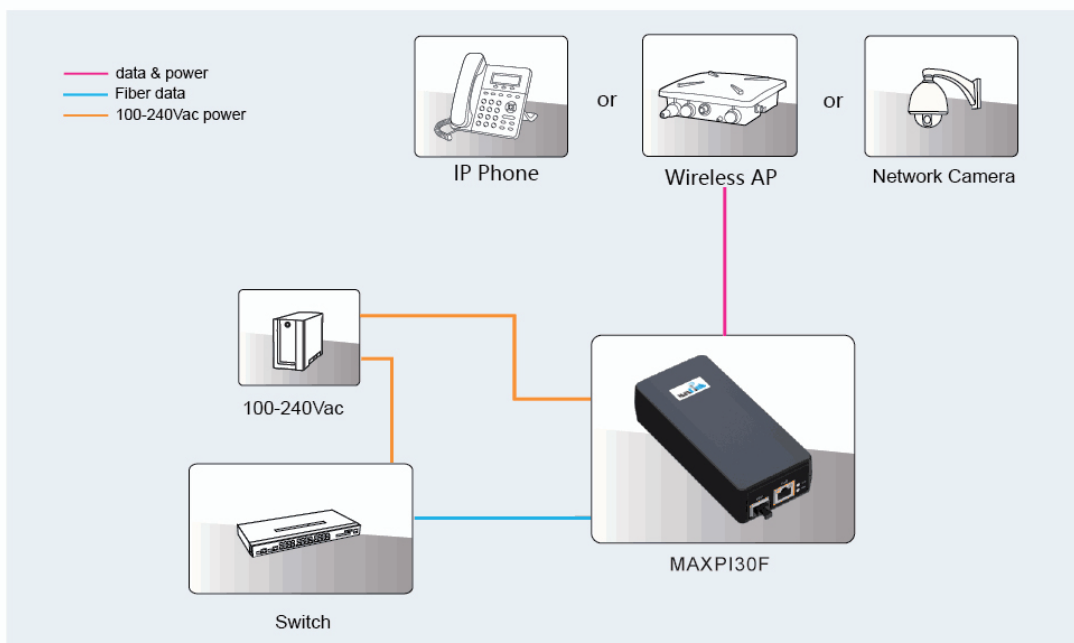
MAXPI30F is designed for indoor use. It works with input voltage of 100-240Vac. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables. It has two mounting hole on the back, can be easily hung on the wall.

Product Profile

1. Power input port
2. SFP: Fiber data input port
3. PoE Data Switching indicator
4. PoE: Data & Power output port

5. PoE Load indicator
6. Power indicator
7. SFP fiber indicator
8.9. Mounting hole

Product Working Diagram

— data & power
— Fiber data
— 100-240Vac power

IP Phone   or   Wireless AP   or   Network Camera

100-240Vac

MAXPI30F

Switch

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac   1.0A   50/60Hz
- Output: 55Vdc   550mA
- Power Pins: 3/6(+),1/2(-)
- Data Speed: 10/100/1000Mbps

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: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 146mm X 67mm X 36.5mm
- Weight: 245g

Safety Approvals

- CE

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS
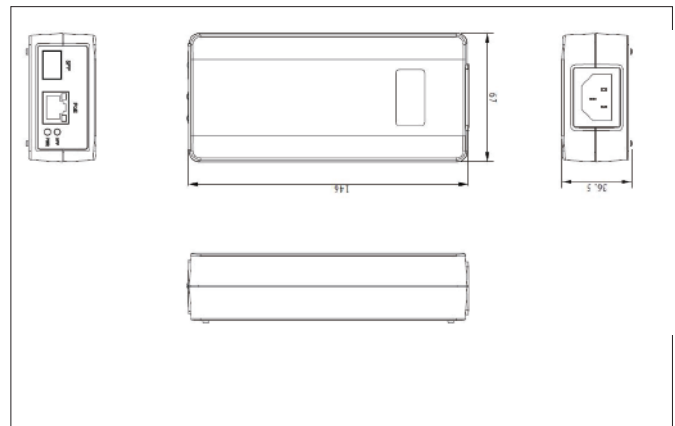
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

LED Indicator

- Power Indicator : Green
- PoE Load Indicator : Green
- SFP Fiber Indicator: Green
- PoE Data Switching Indicator: Yellow

Order Info.   MAXPI30F   55Vdc/0.55A/1000Mbps/3/6(+),1/2(-) /Fiber PoE/Active

Packing
MAXPI30F
Power cord x 1(Optional)
Manual x 1