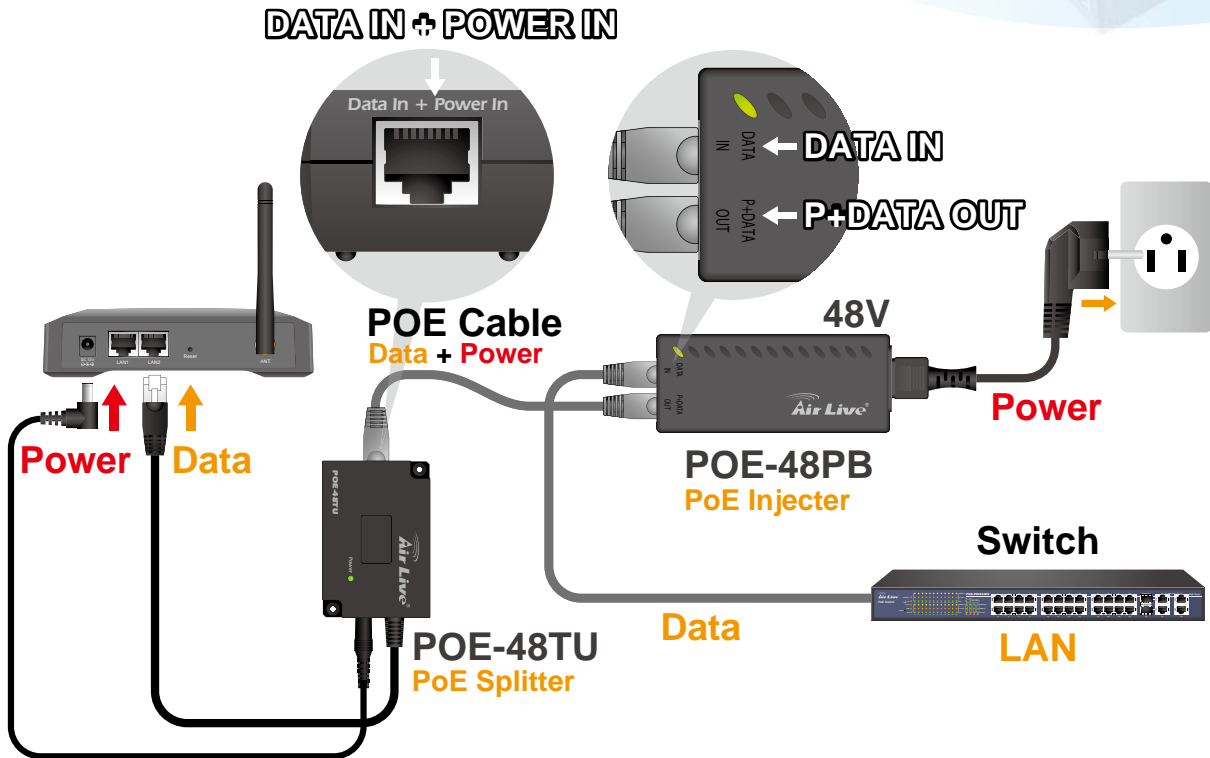


## POE-100AF

### Power Over Ethernet Kits

The POE-100AF is special package that composed of 2 products, POE-48TU and POE-48PB. With combination, POE-100AF can totally replace POE-105, POE-109, and POE-112. It is an ideal solution for you to add PoE application on your network devices. It provides 4-segment voltage selection, you can dip to required voltage according to your network device's power input and compatible with IEEE 802.3af standard.



#### Specifications

##### POE-48PB

**Power output**  
- 48V, 0.4A

##### Power input

- AC 90~264V, 47~63HZ
- 0.5A maximum
- Inrush current: 40A maximum

**Line regulation**

- 2% maximum

**Load regulation**

- +5%

**Ripple & Noise**

- 1% typical

**Efficiency**

- 75~81% typical

**Protection requirement**

- Over-voltage Protection
- Short-circuit Protection

**Reliability**

- MTBF: 50000 Hours
- B-TEST: Vibration, Shock, Altitude, Static Compression, Drop

**LED indicators**

- Power: Green

**Temperature**

- Operating: 0°C - 40°C (32°F - 104°F)
- Storage: -20°C - 85°C (-4°F - 185°F)

**Emission**

- CE

**Safety**

- BSMI, LVD

**POE-48TU****Standard**

- IEEE802.3
- IEEE802.3u
- IEEE802.3af Power over Ethernet

**Ordering Information:**

**AirLive POE-100AF** Power over Ethernet Kits

**Interface**

- Data In and Power In:
  - 1 x RJ-45
  - Data pin: 1,2,3,6
  - Power pin: 4,5(V+), 7,8(V-) and 1,2(V+), 3,6(V-)
- Data Out:
  - 1 x RJ-45
  - Data pin: 1,2,3,6
- Power Out:
  - 5V, 7.5V, 9V, 12V (switchable)
  - Maximum feeding current: 2.0A@5V

**Power jack diameter**

- 2 x power cable with straight plug and right angle plug
- Plug dimension: 5.5 x 2.0 mm, 5.5 x 2.5 mm,

**Network cable**

- 10Base-T: 2-pair UTP/STP Cat. 3,4,5 cable, EIA/TIA-568 100-ohm (100m)
- 100Base-TX: 2-pair UTP/STP Cat. 5 cable, EIA/TIA-568 100-ohm (100m)

**LED indicator**

- Power (green)

**Power Input**

- DC 48V

**Operating Temperature**

- 0°C - 40°C (32°F - 104°F)

**Operating Humidity**

- 10% ~ 90% (non-condensing)

**EMI & Safety**

- FCC Class B, CE, CE/EN60950

**POE-100AF****Product Weight (g)**

- 380 g