

POWER OVER ETHERNET EXTENDER

MODEL: EA-POE101 / EA-POE101T

Feature

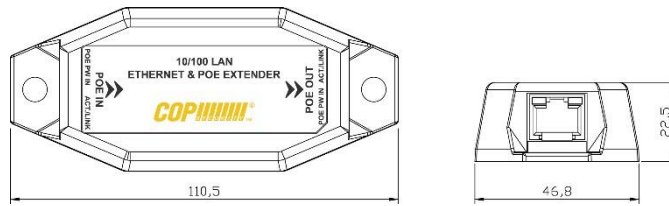
- IEEE 802.3af/at/bt and other 4-pair high power PoE standard compliant
- Connecting each of **EA-POE101/EA-POE101T** can extend transmission range for 100m.
- Maximum 700m of extension can be achieved by connecting a 6 watt PoE delivery with IP camera to four EA-POE101 at 100 m (328 ft) intervals.
- Automatically detects and protects PoE equipment from being damaged by incorrect installation.
- No additional power required.
- True plug-and-play design brings new experience of easy installation and operation.
- Built in LED indicators : PoE power on and network act./link
- Made for PoE IP Camera or Network device.
- Built in 4KV Surge protection (IEC-61000-4-5).
- Built in 4KV Electrostatic Discharge (HBM).

Specification

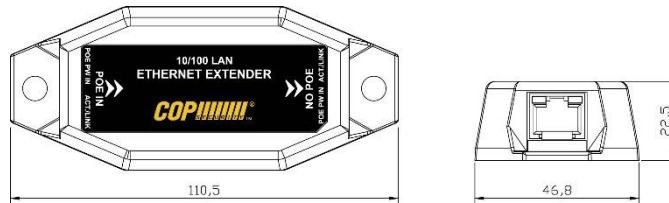
| MODEL | EA-POE101 | EA-POE101T |
|--|---|---|
| Ethernet Interface | | |
| Connector Type | 2 x RJ-45 | |
| Cable Type | Straight through or cross-over Cat5 Cable or higher, Auto MDI/MDIX | |
| Rate | IEEE 802.3x, Auto-Detection for 10/100Base-T and full/half duplex | |
| Indicators (LEDs on the RJ45 connector) | | |
| Green LED | PoE Input Power On | |
| Yellow LED | Network Act./Link | |
| Power | | |
| Power Consumption | 1.25W via PoE | |
| PoE | | |
| Power Forwarding | Up to 70W depending on standard Max. current 0.75A on data pairs Max. current 1.50A on spare pairs | -- |
| Compliant Standard | IEEE 802.3af POE IEEE 802.3at POE+ (2-event signature) Custom POE (including "always-on 48V" and "4- pair") | IEEE 802.3af POE Class 2 powered device (No POE forwarding) |
| Mechanical & Environmental | | |
| Mounting | Wall or Self (2 x M5 Holes) | |
| Weight | <51g (1.8oz) | |
| Dimensions (W × L × H) | 46.8 x 110.5 x 22.5 mm (1.84" × 4.35" × 0.88") | |
| Operation Temperature | -20°C ~ 70°C(5°F~140°F) | |
| Humidity | 20% to 85% RH. (non-condensing) | |
| Storage Temperature | -30°C ~ 85°C(-22°F~185°F) | |

Housing Drawing

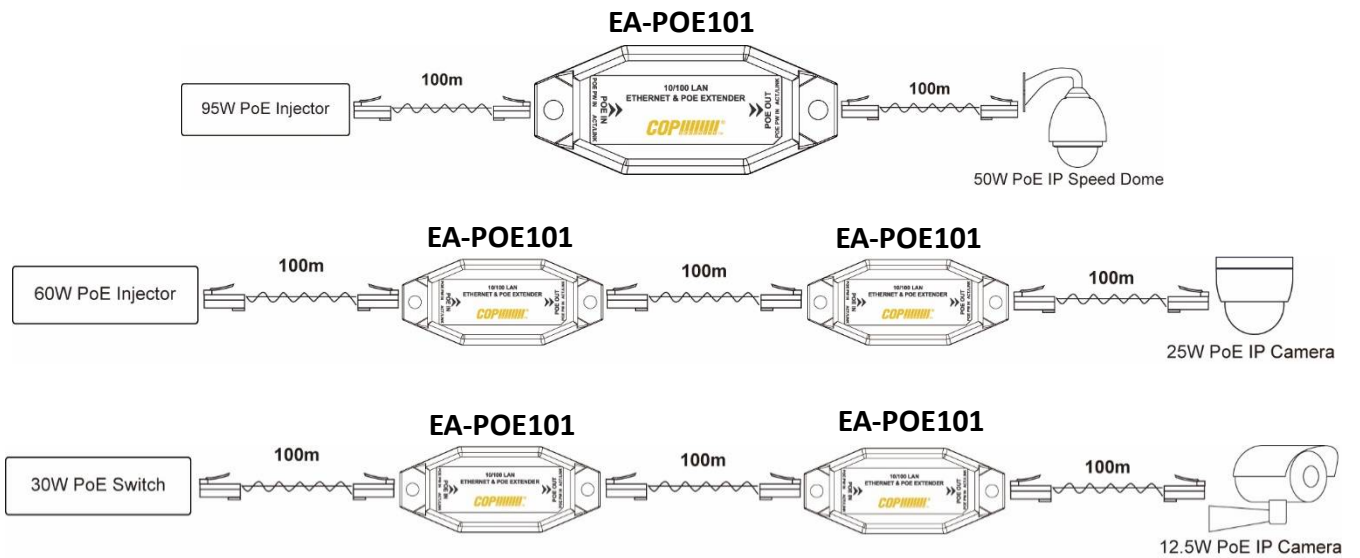
EA-POE101: Ethernet & PoE Extender



EA-POE101T : PoE Powered Ethernet Extender (No PoE out)



EA-POE101 Connection Diagram: Forward PoE power and Ethernet data to Camera



EA-POE101T Connection Diagram 2: Forward Ethernet data to Camera only

