# CNet

# Gigabit PoE Extender

## CPX-100

## FEATURES

- 1-Port PoE Splitter (PD) and 1-Port PoE

- Extending distance for another 100M per extender and cascading for longer

- IEEE 802.3at compliance

## DESCRIPTION

CPX-100 is a 2 port Gigabit PoE extender designed for extending connection distance for another 100m (328 ft) on both ends via Cat-5e or Cat-6 cable. You can cover longer distances by cascading multiple CPX-100 together on a network. CPX-100 does not need any additional power supply and the PoE device (such as an IP camera) is powered by PoE switch or PoE injector.

### IEEE 802.3at and Power over Ethernet (PoE) ports

CPX-100 features IEEE 802.3at Power over Ethernet (PoE). This product runs over existing LAN cable to power IEEE 802.3at compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding CPX-100 to the existing networking, the installed networking products, such as: Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located or the networking can be extending distance for another 100M per extender and cascading for longer distances.

### No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat-5e or Cat-6 Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

## SPECIFICATIONS

| | |
|---|---|
| **Data Rate** | • 10/100/1000 Mbps half/full duplex |
| **Connectors** | • RJ45 |
| **Network Cables** | • Cat5e or better |
| **LED** | • PoE/Data |
| **Compatible** | • IEEE 802.3at, CE, FCC |
| **Mounting** | • Wall |
| **Environment** | • Indoor |
| **Operation Conditions** | • -10 °C to 50 °C |
| **Dimensions** | • 102.8 x 28.8 x 20 mm |
| **Weight** | • 98g |

| PoE Source | Number of PSD-311G | Distance (m) | PD voltage (V) | PD Max power (W) |
|---|---|---|---|---|
| **802.3at PoE switch** | • 1 | • 200 | • 42.4 | • 24.592 |
| | • 2 | • 300 | • 38 | • 20.14 |
| | • 3 | • 400 | • 33.7 | • 16.176 |
| | • 4 | • 500 | • 31.4 | • 12.56 |