

Model: CY-PoEx2-S2

## 1 to 2 POE Extender

PoE Extender is a cost effective way to extend the Ethernet network range beyond 100m, delivering both data and power to network devices such as WLAN Access Points and Network Cameras up to a distance of 200m while complying with IEEE PoE and Data standards.

The PoE Extender supports 10/100Mbps data rates and delivers 802.3af/at power levels, up to 15.4W, The PoE Extender does not require local power and is powered via the PoE input. Extended PoE installation range by additional 100m

Supports 10/100Mbps data rates

- Provides 802.3af power levels when powered by any 802.3at source
- Extenders can be cascaded to reach up to 700m
- Cost effective installation - no need for local power
- Plug and play installation - no configuration needed



### Features:

Comply with IEEE 802.af/at Power over Ethernet

one POE to two POE, 10/100M Supported

Extender the range of PoE an additional 100 meters

Automatically detects and protects PoE equipments from being damaged by incorrect installation

Plug-and Play no configuration required

2 Port PoE extender can forward both Ethernet and PoE power for 1 terminal equipment via Cat5 ,Cat5e,Cat6,Cat6e,UTP cable.

Product Review:

2-Port PoE Extender has 10/100M Lan ports,among them,one for power input,the other for power output. Comply with 10/100BASE-TX,IEEE 802.3 af/at-PoE.

Power input for single port is 13W. Power output for single port is 12.2W.

Applicable Range:

Used with AP,IP camera,IP telephone and the other network equipments in the situation of the lack of power line or far away from the power outlets

Installed at hotels,schools,buildings,villages,etc.

Other Specification:

PoE input: 1 RJ45 port

PoE output: 2 RJ45 port

Network Medium: Cat5 or better UTP cables (less than 120m)

Repeater Mode: Store and forward

MAC Address Table: 2K

Packet Buffer Memory: 48 Byte

Switching Capacity: 400Mbps

PoE Standard: IEEE 802.3af/at

Input power: 30 Watts

Output power: 15 Watts

Power Supply Type: 1/2+,3/6-,Mode A,End-Span

Network Protocol: IEEE 802.3i-10BASE-T, IEEE 802.3u: 100BASE-TX, IEEE 802.3x-Flow Control, IEEE 802.3af-Power over Ethernet;

Regulation Compliance: FCC Part 15B, ROHS Directive 2011/65/EU,Low Voltage Directive 2014/35/EU,EMC Directive 2004/108/EC;

Storage Humidity: 5%~90%, No Condensation;

Dimension: 90x45x22mm Weight: 60g

Note:

Please don't place any heavy thing on the PoE extender;

To prevent the water seeping into the extender,please keep PoE extender away wet environment;

Suggest to use PoE extender indoors.When installing the extender in outdoor,please install it in a waterproof place.

1 to 2 POE Extender Technical Parameter	
Model	1 to 2 POE Extender
Number of Channel	2
Data Transmission Rate	10/100Mbps
PoE Pin Ouput	1/2(+), 3/6(-); MAX Power 30W
Indicators	LED indicators are located on the RJ45 connector Power indicator: PoE enabled
Connectors	Shielded RJ45, EIA 568A and 568B
Network Cable	Shielded Cat5, Cat5e, Cat6 or better
Dimension	90mm*45mm*22mm
Physical Property	Input Voltage: DC 44-57V Output Voltage: 48V Weight: 60g
Condition	Working temperature: -10°C to 45°C Working humidity: MAX to 90%, non-condensation MTBF: 100,000h at 25°C
Regulatory compliance	IEEE802.3af/at, RoHS Compliant, CE, FCC
EMC	FCC Part15, Class B
Extending Distance	100m