



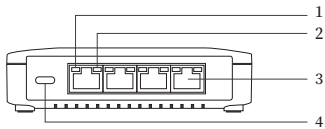
## MAXPI6OEXT1x4 PoE Extender

### Overview

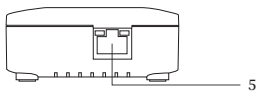
MAXPI6OEXT1x4 is a 4-port Gigabit PoE extender, can deliver power and transmit data to 4 802.3af/at PDs simultaneously, total power budget is 65W. It is powered by an ultra 802.3bt/PoE++ switch or PSE, does not need an external power adapter. The typical power input is 90W. The total effective distance from data source to PD is 200 meters over CAT5e/CAT6 cables. Daisy-chain 2 units reaching 300m from end to end or by star topology can power up 7 PDs.

Equipped a USB-C port, which can deliver power to mobile phone , tablet or USB-C devices. Designed with OVP, OCP, SCP function.

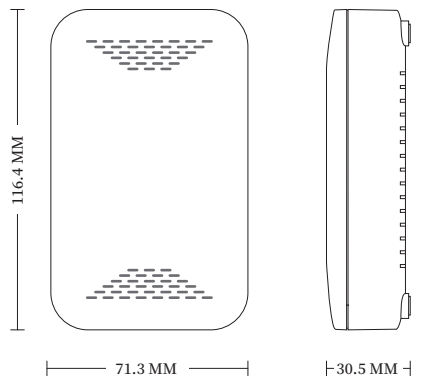
### Appearance



- 1.Data Indicator
- 2.PoE Load Indicator
- 3.PoE Output Port
- 4.Type-C Output Port
- 5.PoE Input Port



1 Product Diagram

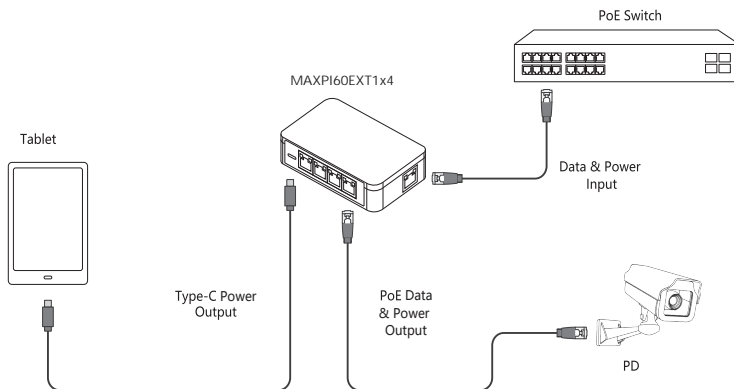


2 Dimensions

# Specification

Model	MAXPI6OEXT1x4
PoE Input	PoE++/802.3bt/Passive, 44-57Vdc, Typical: 90W
Class Level	Class 8
PoE Out Power Pins	3/6(+), 1/2(-)
Output	PoE Output:802.3af/at,30W(max)*4 Ports
	Type-c Output:5V2.0A / up to 10W(Max)
	Total 65W
Work Temp.	0°C to 40°C
Network Protocol	IEEE802.3i/IEEE802.3u/IEEE802.3ab
Data Speed	RJ45 : 10/100/1000Mbps
EMC	EN 55032:2015/A11:2020 EN 55035:2017/A11:2020
Dimensions & NW	116.4mm X71.3mm X30.5mm 151.3g

## Product Working Diagram



## Caution

1. Please read the instructions carefully and follow the standard operating procedures before using.
2. Please place it in a well-ventilated and dry area, and it is for indoor use only.
3. Connect a CAT5/5e/6 cable with the RJ45 connector into the RJ45 socket labeled PoE In. The total Ethernet cable length can not exceed 100 meters.
4. Connect a CAT5/5e/6 cable with the RJ45 connector into the RJ45 socket labeled PoE 1, PoE2, PoE3 and PoE4. On the other end of the CAT5e/6 cable, connect to your PoE powered Device (PD, such as IP Cameras etc). The total Ethernet cable length can not exceed 100 meters.
5. Daisy-chain 2 units reaching 300m from end to end or by star topology can power up 7 PDs.
6. The device must be placed on a stable surface, preferably affixed and mounted permanently. Do not leave it "dangling" and use plugged-in cables in tension as support. Drops, falls, and impacts experienced by the injector can compromise the internal components & cause premature failure.
7. Do not place heavy objects on top of this injector. Allow at least 5cm of clearance on all sides of the device for heat ventilation / natural convection.