



Waterproof PoE Extender

OT-101/POE

Product Datasheet



CE FCC RoHS  

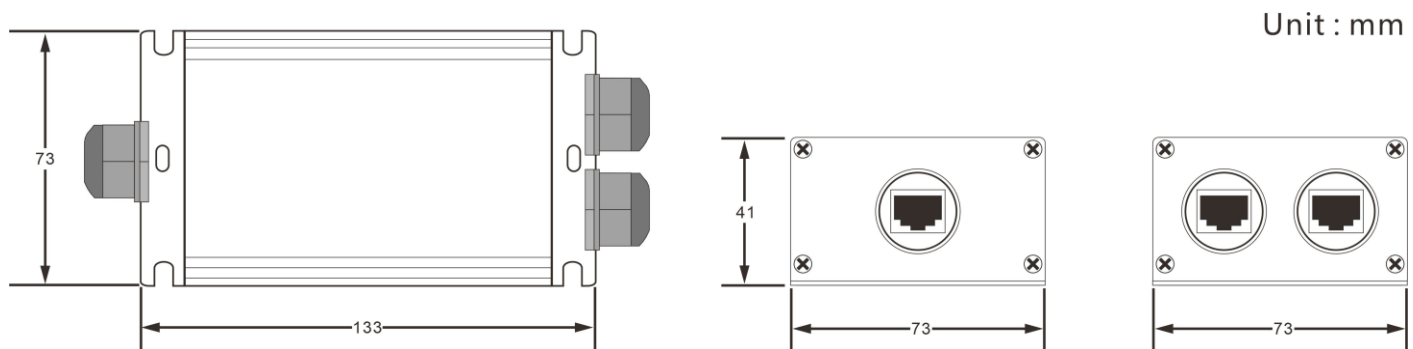
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OT-101/POE is a waterproof PoE Extender. It is designed to extend Power over Ethernet (PoE) signals. It can increase the PoE transmission distance by an additional 100 meters (328 feet) per unit. By cascading multiple extenders, the transmission distance can reach up to 500 meters (1,640 feet). This feature makes it ideal for long-distance outdoor PoE projects.

Features

- ◆ IP67 protection level
- ◆ Support IEEE802.3af/ at/ bt standard
- ◆ Support 100/1000Mbps rate
- ◆ Support PoE output (15.4W/ 30W/ 60W/ 90W)

Dimension



Note: Dimension error value ± 1 mm

Housing Parameter

Category	Description
Protection Class	IP67
Housing Material	Aluminum Alloy
Flame Retardant Class	V-1
Screw Material	PC
Dimensions (L × W × H)	133×73×41mm
Sealing Element	Silicone Ring

Technical Parameter

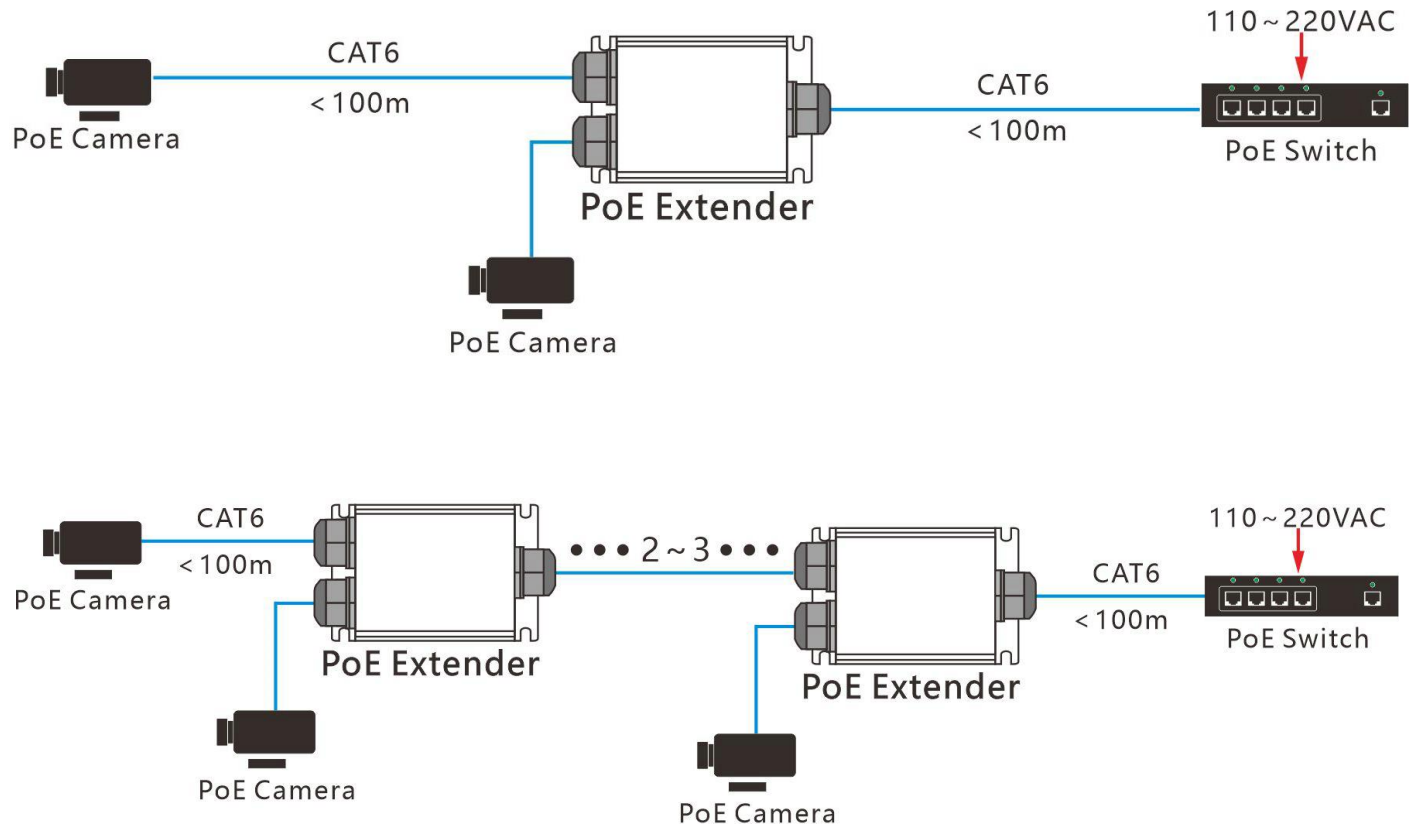
Category		Description
Power	PoE Power	15.4W/ 30W/ 60W/ 90W
	Power Consumption	≤2W
Cable	Unshielded/Shielded Network Cables	CAT5/ CAT5E/ CAT6
Network/ Rate	Standard Compliance	IEEE 802.3af/at/bt
	Network Speed	100/1000Mbps
	Power Supply Line Pair	1/2+; 3/6-; 4/5+; 7/8-
Physical Characteristic	Dimensions (L × W × H)	133×73×41mm
	Material	Aluminum Alloy
	Net Weight	326g/PC
Operating Environment	Working Temperature	-20°C~60°C
	Humidity	<95% (Non-condensation)

Power & Distance Table

Cat5e or above	Max PoE Output		
Distance	Power Input 30W	Power Input 60W	Power Input 90W
100m	27.5	59.6	71.2
200m	25.5	49.4	56.3
300m	22.8	27.7	35.5
400m	10.7	23.3	27.9
500m	5.2	6.5	7.8

Installation Diagram

The PoE Extender supports a transmission distance of up to 100 meters (328 feet) in a single use. By connecting up to 4 units in series, it can achieve a maximum transmission distance of 500 meters (1,640 feet). One port is used to connect to a PoE camera, while the other port can either link to the next extender or connect directly to another PoE camera.



Shaoxing Ourten Electronics Co., Ltd.

#1 Liando U Valley, No. 1999 Wuxing West Road, Shangyu, Zhejiang, China

Tel: +86-21-5888 9980 (+86-575-8213 7256); Fax: +86-575-8212 7256

Email: sales@ourten.com

www.ourten.com

Thank you for choosing Ourten!

*Specifications are subject to change without notice.