

ST-POE-2P-WTP

IP67-Rated POE Extender



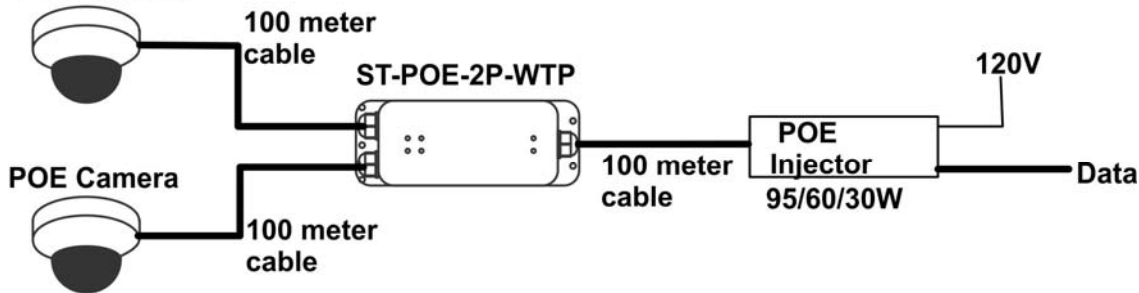
The ST-POE-2P-WTP is an IP67-rated PoE Extender, with an operating temperature range from -40°C~60°C. It's ideal for harsh outdoor environments where two units can be daisy-chained to extend the range of PoE devices such as PoE cameras, wireless APs reaching up to 300m from end to end or up to 500m using star topology.

No power adapter is required. The PoE Extender can be powered by a PoE Injector, Middle-Span Hub, or a PoE switch over one networking cable extending the Ethernet range depending on PD's (Powered Device) power requirements and PSE's (Ethernet-based Power Source) power budget per port.

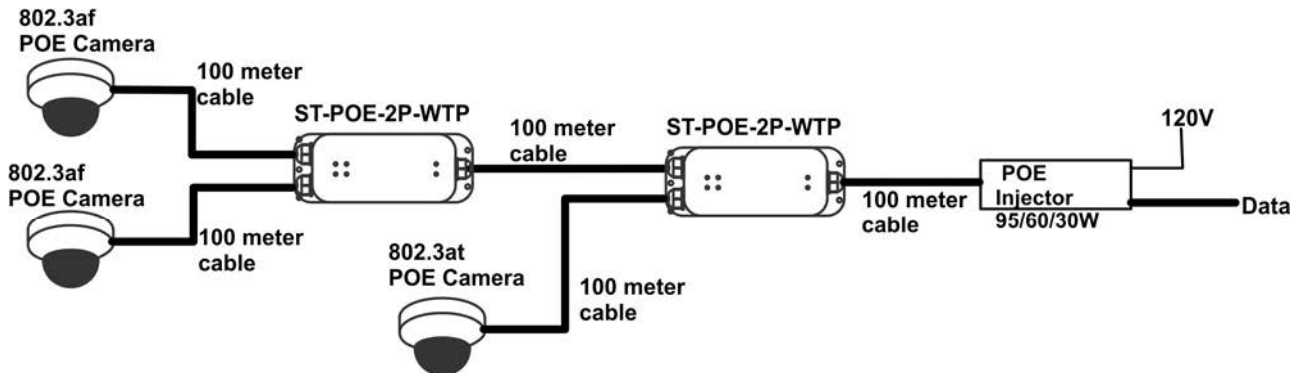
Features:

- Saves costs of re-wiring and add-on Ethernet switches
- Plug-and-Play installation
- Drives the reach beyond restricted 100m Ethernet distance
- Supported PSEs providing 95W/60W/30W
- Daisy-chain 2 units to reach up to 500m by star topology
- Complete unit does not require power adapter
- Extends range up to 200m for outdoor speed dome requiring 48W
- IP67 / IK10
- Supports the transfer of multicast packets
- Supports Jumbo Frames up to 1977 bytes

POE Camera

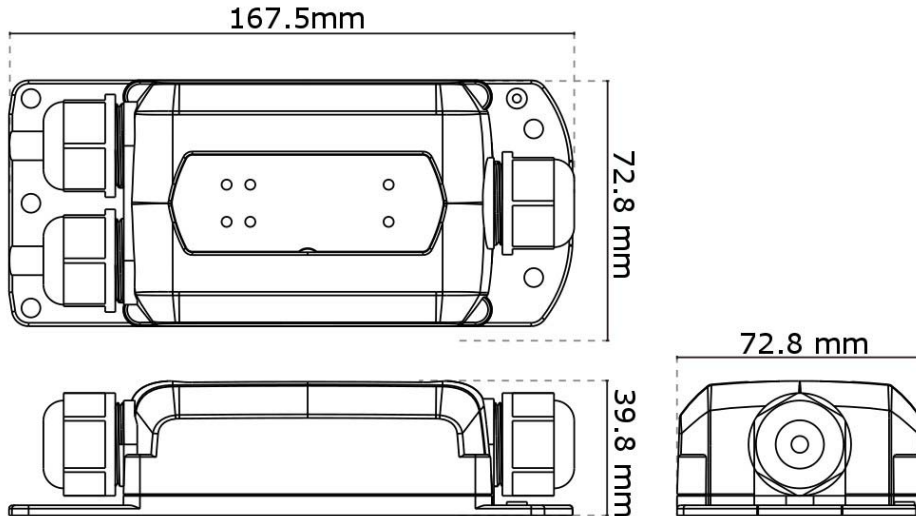


Typical Application



500 Meter daisy-chain extension with star topology

Dimensions



Networking Specifications	
Total Fast Ethernet Ports	2
Mac Table	2k
Bandwidth	Max. 100 Mbps
Switching Capacity	1 Gbps
Auto-MDI/MDI-x, Auto-Negotiation	Supported
Power Specifications	
Extension Distance	2 Units, Daisy-chain Installation Up to 300M Total Extension. (No Local Power Required)
PD Input Power	50~57VDC, max. 72W
PSE Output Power	44~55VDC, max. 70W
PD Power Pin Assignment	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)
PSE Power Pin Assignment	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)
PD Fast Ethernet (RJ45)	1
PSE Fast Ethernet (RJ45)	2
Surge Protection/each PoE Port	6KV
Mechanical Specifications	
Dimensions (WxHxD)	167.5 x 72.8 x 39.8 mm (6.59 x 2.87 x 1.57 in.)
LED Indicators	Power, LAN, PoE
Weight	0.36KG
Environmental Specifications	
Weather Rating	IP67
Vandal Proof	IK10
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing
Certifications	
EMC	CE, FCC, VCCI, RoHS
Safety	EN60950-1, IEC60950-1
Surge	IEC-61000-4-5