

IPX201

Outdoor Extender



Features

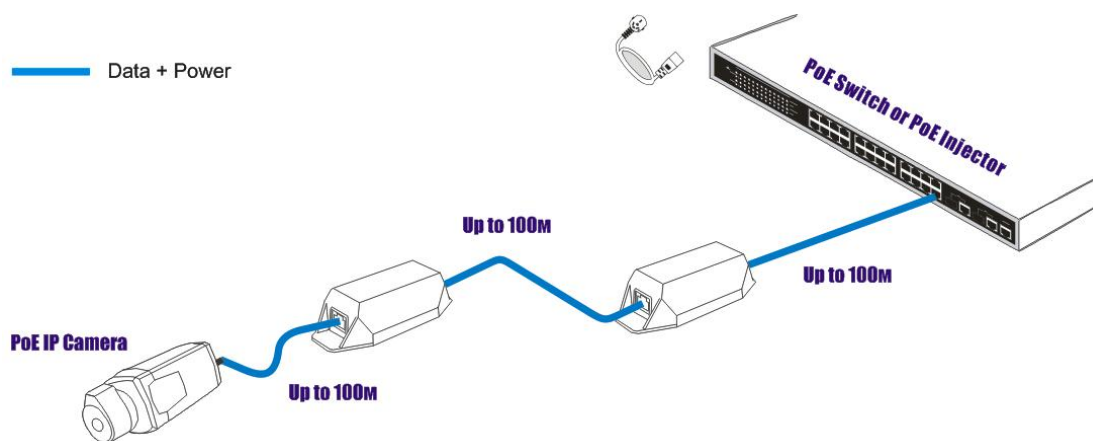
- Compatible with IEEE802.3af and IEEE802.3at
- Extends the range of PoE and Ethernet an additional 100 meters
- No additional power supply is required
- Automatically detects and protects PoE equipments from being damaged by incorrect installation
- Full-rate network throughout the whole extended distance
- Operating Ambient Temperature: -40 to 75°C
- IP65 case and connector
- Easy plug-and-play installation

Specifications

Item	Description
No. of channels	1
Pass Through Data Rates	10/100/1000 Mbps half/full duplex
Power over Ethernet input	Pin Assignment and Polarity: Both 1/2 (-), 3/6 (+) and 7/8 (-), 4/5 (+)
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+) Output Power: up to 22W
Indicators	LED indicators are located on the RJ45 connector Power indicator: PoE enabled Network indicator: Link/Act
Connectors	IP65 protection RJ45 connector
Network cables	Shielded category 5 (or higher)
Dimensions	190mm x 48mm x 38mm
Mounting	Wall of shelf
Environment	Outdoor

Environmental Conditions	Operating Ambient Temperature:-40 to 75°C Operating Humidity: Maximum 90%, Non-condensing Storage Temperature:-40 to 75°C Storage Humidity: Maximum 95%, Non-condensing
Regulatory Compliance	IEEE 802.3af (PoE), IEEE 802.3at (PoE+)

Application



Maximum Distances for Power Sources

Multiple PoE Extenders can be connected every 100 meters to obtain greater distances. The actual figures depend on operating conditions. The range is over 24 AWG or heavier Cat-5e or Cat-6 cable except where specified.

Examples for low power PoE Devices (that are PoE Class 1, or require under 4 watts)

PoE Source			
PoE switch (802.3af)	15W mid-span (802.3af)	PoE+ switch (802.3at)	30W mid-span (802.3at)
Maximum Distances			
400m	400m	500m	500m

Examples for medium power PoE Devices (that are PoE Class 2, or require under 6 watts)

PoE Source			
PoE switch (802.3af)	15W mid-span (802.3af)	PoE+ switch (802.3at)	30W mid-span (802.3at)

Maximum Distances			
300m	300m	400m	400m

Examples for full power PoE Devices (that are PoE Class 0 or 3, or require under 12 watts)

PoE Source			
PoE switch (802.3af)	15W mid-span (802.3af)	PoE+ switch (802.3at)	30W mid-span (802.3at)
Maximum Distances			
200m	200m	300m	300m

Examples for PoE+ Devices (that are PoE Class 4 that under 22 watts, or 802.3at compliant)

PoE Source			
PoE switch (802.3af)	15W mid-span (802.3af)	PoE+ switch (802.3at)	30W mid-span (802.3at)
Maximum Distances			
Not applicable	Not applicable	200m	200m