

ET1100UPp Series

Industrial 10/100BASE-TX Ethernet over UTP Extender with PoE+ & PoW

Ethernet Extension



Features

General

- ▶ PoE+ (30W) and Power over Wire
- ▶ 802.af/802.3at Compliant
- ▶ Data Rate up to: 90Mbps(Downlink), 90Mbps (Uplink)
- ▶ Max. Distance: 600m over Cat5e cable.
- ▶ Support Wall Mount installation
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature

Warranty

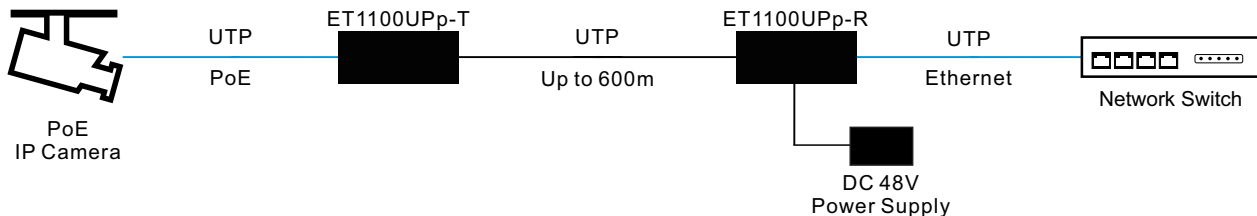
- ▶ 5-Year Warranty

Ordering Information

Model	Description
ET1100UPp-T	Transmitter of 10/100BASE-TX Ethernet over UTP with PoE+ & PoW
ET1100UPp-R	Receiver of 10/100BASE-TX Ethernet over UTP with PoE+ & PoW
Mounting Options	<ul style="list-style-type: none"> ■ Default Wall Mount built-in.
Power Options	<ul style="list-style-type: none"> ■ GS60A48 60W/1.25A 48VDC Power Supply. Open wire for Terminal Block. ■ Power Supply is to be purchased separately.

NOTES: (1) Transmission distance may varies with quality and material of Cat5/UTP Cable.

Typical Application



Specifications

Ethernet

Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet
Ethernet:	
Connector:	1xRJ45
Cabling:	Cat5 or above
Maximum Distance:	100m
UTP:	
Cabling:	Cat5 or above
Connector:	1xRJ45
Distance:	Up to 600m on Cat5 Cable
Data Rate:	
Downlink:	90Mbps(Max.)
Uplink:	90Mbps(Max.)
Technology:	Power Line Communication(PLC)

Environmental

Operating Temperature:	-10°C to 60°C (14°F to 140°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Relative Humidity:	5% to 95% non-condensing

Regulatory Approvals

ISO9001
FCC Part 15, Class A
EN55022:2006+A1:2007
Surge Protection
RJ45: 1KV
Power: 0.5KV
UTP: 2kV

Electrical and Mechanical

Input Power:	48VDC (Terminal block)
Power Consumption:	8W Max. (PoW not in use) 60W Max. (PoW in use)
Protection:	
Reverse Polarity:	Present
Power Input Overload:	Automatic Resettable
LED Indicators:	
Power:	Power Status
Ethernet:	SPD, LINK/ACT, PoE(Transmitter)
UTP Data:	LINK(Transmitter) / READY(Receiver) PoW(Receiver) ACT
PoE:	
Standard:	IEEE802.3at
Port:	RJ45
Max. Power:	30W Max. (Alternative B mode)
Dimensions (WxDxH):	114x72x31 mm
Weight:	0.25Kg
Casing:	Mini Aluminum case
Mounting Options:	Wall Mount



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Due to continuous improvement, all product specifications are subject to change without further notice.

