ET1100UPp Series

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

EtherXtra™

E 1   U P 1   PoE+   PoW

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
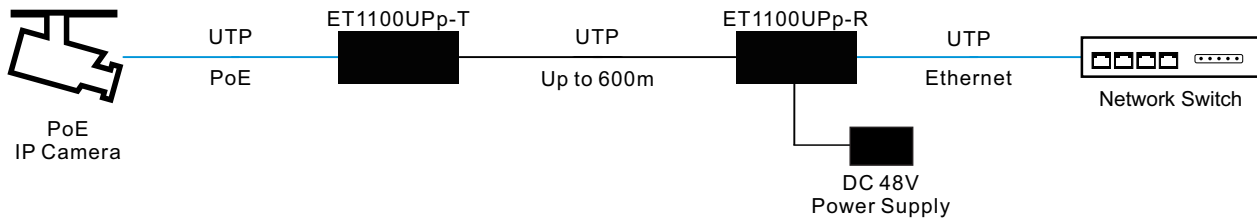
Warranty

► 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	■ Default Wall Mount built-in.
Power Options	■ 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

UTP / PoE — ET1100UPp-T — UTP / Up to 600m — ET1100UPp-R — UTP / Ethernet — Network Switch

PoE IP Camera

DC 48V Power Supply

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):	114 x 72 x 31 mm
Weight:	0.25Kg
Casing:	Mini Aluminum case
Mounting Options:	Wall Mount

Ethernet Extension

FCC CE RoHS

OT Systems Ltd., Nov 2014
Due to continuous improvement, all product specifications are subject to change without further notice.