ET1100U Series

Industrial 10/100BASE-TX Ethernet over UTP Extender

EtherXtra™

Features

General

► Data Rate up to: 90Mbps(Downlink), 90Mbps (Uplink)

► Max. Distance: 600m over Cat5e cable.

► Support Auto MDI/MDI-X

► Support Wall Mount installation

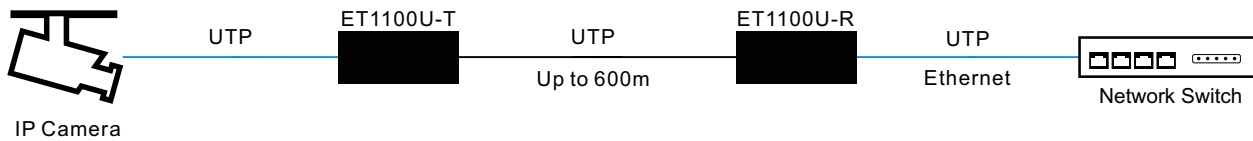► -10°C to 60°C (14°F to 140°F) operating temperature

Warranty

► 5-Year Warranty

Ordering Information

Model	Description
ET1100U-T	Transmitter of 10/100BASE-TX Ethernet over UTP
ET1100U-R	Receiver of 10/100BASE-TX Ethernet over UTP
Mounting Options	■ Default Wall Mount built-in.
Power Options	■ ET-PA/12V 1.25A 12VDC Power Adaptor. Open wire for Terminal Block. ■ Power Adaptor is included for all sales.

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

Typical Application

IP Camera — UTP — ET1100U-T — UTP Up to 600m — ET1100U-R — UTP Ethernet — Network Switch

Specifications

Ethernet

Standards:	IEEE802.3 10BASE-T
	IEEE802.3u 100BASE-TX
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

Electrical and Mechanical

Input Power:	12VDC (Terminal Block)
Power Consumption:	8W Max.
Protection:	
Reverse Polarity:	Present
Power Input Overload:	Present
LED Indicators:	
Power:	Power Status
Ethernet:	LINK/ACT
UTP Data:	SPD (Transmitter) / READY (Receiver)
	ACT
Dimensions (WxDxH):	114 x 72 x 31 mm
Weight:	0.2Kg
Casing:	Mini Aluminum case
Mounting Options:	Wall Mount

Regulatory Approvals

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

Ethernet Extension

FC CE RoHS

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

OTS