ET1100C Series
Industrial 10/100Base-TX Ethernet over Coaxial Converter

EtherXtra™

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Features

General
► Ethernet Extension: Security Link over Coax
► Constant Data Rate: 20Mbps(Downlink) / 3Mbps(Uplink)
► Maximum distance: 300m over Coax(RG-59/U)
► Microtype fits within most camera housings
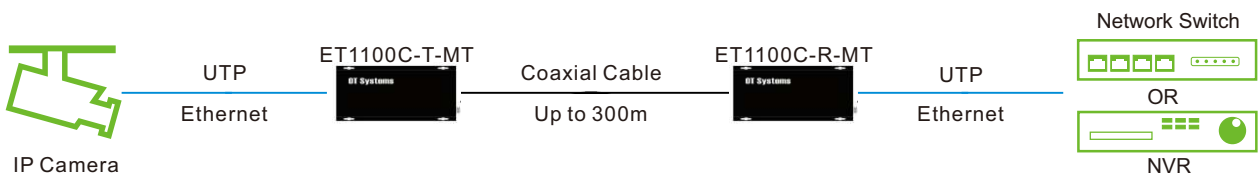► -10°C to 60°C (14°F to 140°F) operating temperature
► Built-in Surge Protection

Warranty
► 3-Year Warranty

Ordering Information

Model	Description
ET1100C-T-MT	Transmitter of 10/100Base-TX Ethernet Over Coaxial
ET1100C-R-MT	Receiver of 10/100Base-TX Ethernet Over Coaxial

Mounting Options	■ Built-in Wall Mount Bracket. ■ Rack-mountable on 1U rack MR-C10 (Purchase Separately).
Power Options	■ ET-PA/12V 1.25A 12VDC Power Adaptor. Open Wire for Terminal Block. ■ Power Adaptor is included for all sales.

Typical Application

IP Camera — UTP Ethernet — ET1100C-T-MT — Coaxial Cable Up to 300m — ET1100C-R-MT — UTP Ethernet — Network Switch OR NVR

Specifications

Ethernet

Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
Cabling:	10Base-T: Cat3,4,5 or above
	100Base-TX: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Connector:	1 x RJ45

Coaxial

Cabling:	Coaxial Cable (75 ohm)
Connector:	1 BNC (female)
Distance:	Up to 300m on RG-59/U
Data Rate:	
Downlink (TX to RX)	20Mbps (Constant)
Uplink (RX to TX)	3Mbps (Constant)

Environmental

Operating Temperature:	-10°C to 60°C (14°F to 140°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	0% to 90% non-condensing

Electrical and Mechanical

Input Power:	12VDC Terminal Block
Power Consumption:	2.4W Max. 0.2A @ 12VDC
LED Indicators:	
Power:	Power Status
Coax:	Coax Link
Data:	Activity
Dimensions (WxDxH):	36.2 x 24.5 x 101 mm
Weight:	0.1kg (0.25kg with PA)
Casing:	Aluminum case
Mounting Options:	Wall Mount / MR-C10 1U Rack

Regulatory Approvals

ISO9001
FCC Part 15 Class A
EN55022 Class A

Ethernet Extension

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