

# ET1100C2 Series

Industrial 10/100BASE-TX Ethernet plus CVBS Over Coaxial Converter

Ethernet Extension

**EtherXtra™**



## Features

### General

- ▶ Ethernet Extension : Security Link over Coax
- ▶ Simultaneous transmission of IP and CVBS over single coaxial cable
- ▶ Constant Data Rate: 36Mbps(Downlink) / 11Mbps(Uplink)
- ▶ Maximum distance: 300m over Coax(RG-59/U)
- ▶ Support Auto MDI/MDI-X
- ▶ -10°C to 60°C Operating Temperature

### Warranty

- ▶ 5-Year Warranty

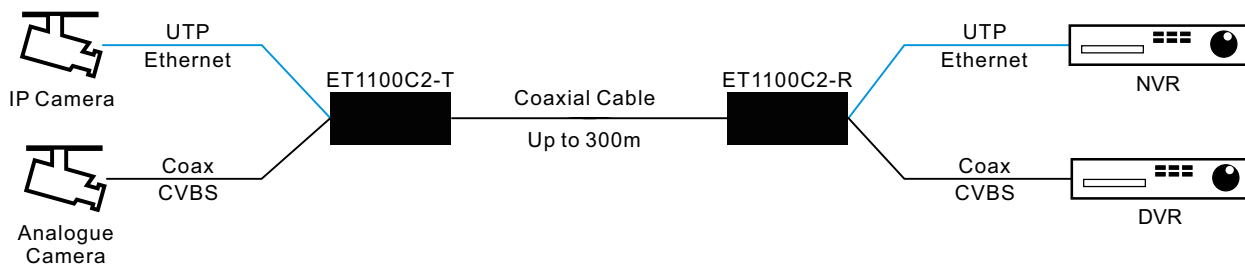
## Ordering Information

Model	Description
ET1100C2-T	Transmitter of 10/100BASE-TX Ethernet plus CVBS Over Coaxial
ET1100C2-R	Receiver of 10/100BASE-TX Ethernet plus CVBS Over Coaxial

Power Options

- ET-PA/12V 1.25A 12VDC Power Adaptor. Open wire for Terminal Block.
- Power Adaptor is included for all sales.

## Typical Application



## Specifications

### Ethernet

Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Flow Control
Cabling:	
10Base-T	Cat 3, 4, 5 or above
100Base-TX	Cat 5 or above
Maximum Distance:	100m
Connector	1xRJ45

### Coaxial

Cabling:	Coaxial Cable (75 ohm)
Connector:	1 BNC (female)
Transmission Distance:	Up to 300m on RG-59/U
Data Rate:	
Downlink:	36Mbps@300m (Constant)
Uplink:	11Mbps@300m (Constant)
Technology:	SLOC (Security Link over Coax)

### Video

No. of Channel:	1
Colour Systems:	NTSC, PAL
In/Output Impedance:	75Ω
In/Output Connector:	1 BNC (female)
In/Output:	1Vp-p

### Electrical and Mechanical

Input Power:	12VDC @ 200mA Max
Power Consumption:	2.4W Max
Protection:	
Reverse Polarity:	Present
Overload:	Present
LED Indicators:	
Power:	Power Status
Ethernet:	Link/Activity, Speed
Video:	Video IN (Tx) Video OUT (Rx)
Coax:	Link, Activity
Dimensions (WxDxH):	70x97x23.6 mm
Weight:	200g
Casing:	Aluminum case
Mounting Option:	Wall Mounting

### 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 90% non-condensing

### Regulatory Approvals

ISO9001
FCC Part 15 Class A
EN55022 Class A
RoHS
EN61000-4-5 (Surge Standards)
RJ45: 1kV
Coax: 2kV
Power: 500V



OT Systems Ltd., Nov 2014

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

