

ET1100C2 Series

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

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

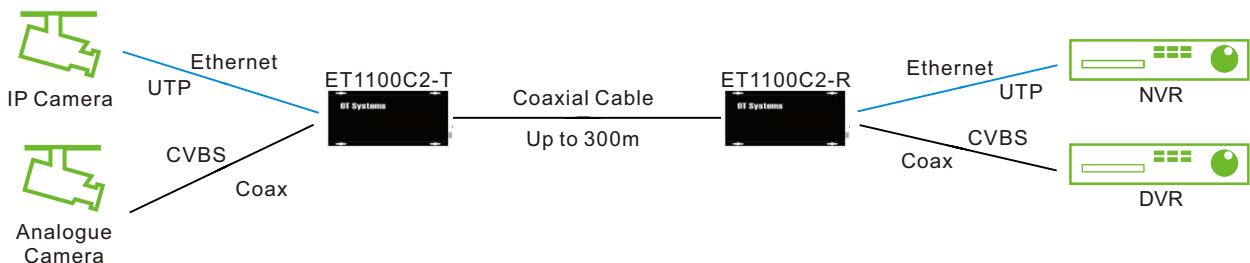
- ▶ 3-Year Warranty

Ethernet Extension

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	<ul style="list-style-type: none"> ■ 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
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:	PowerStatus
Ethernet:	Link/Activity, Speed
Video:	Video IN (Tx) Video OUT (Rx)
Coax:	Link, Activity
Dimensions (WxDxH):	70 X 97 X 23.6 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
Coaxial: 2kV
Power: 500V

