

ET1100C2 Series

Industrial 10/100Base-TX Ethernet plus CVBS Over Coax Extenders



Ethernet Extension

Ethernet over Coax

EtherXtra™



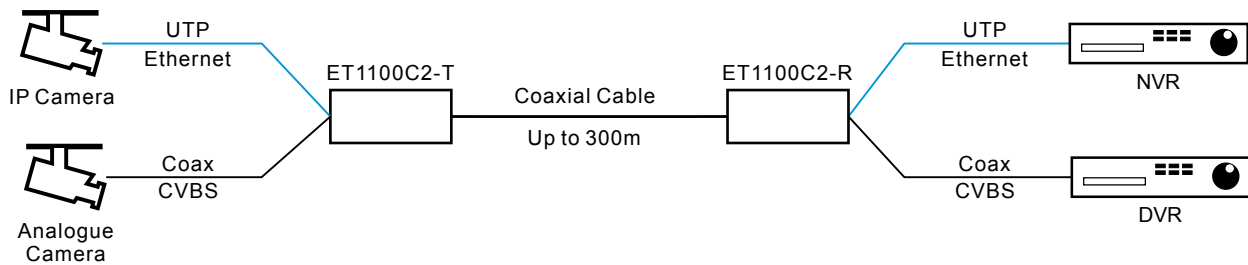
Features

- ▶ 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 (14°F to 140°F) Operating Temperature

Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3x Flow Control
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Cabling	
10Base-T	Cat3,4, 5 or above
100Base-TX	Cat5 or above

Maximum Distance	100 m
Connector	1 x RJ45

Coaxial

Cabling	Coaxial Cable (75 ohm)
Connector	1 BNC (female)
Transmissions 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

Specifications

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 Data	Link, Activity
Dimensions (W x D x H)	70 x 97 x 23.6 mm
Weight	200g
Casing	Aluminum case
Mounting	Wall Mount

Environmental

Operation 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	5% to 90% non-condensing
MTBF	> 100,000 hrs

Regulatory Approvals

ISO9001
 FCC Part 15 Class A
 EN55022 Class A
 Surge Protection:
 RJ45: 1KV
 BNC:2KV
 Power:500V

Ordering Information

Available 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

Package Checklist

- Transmitter / Receiver of Ethernet Over Coaxial Extender x 1
- 1.25A 12VDC power adapter with open wire for terminal block x 1
- Quick Installation Guide x 1