

ET8100CP-R8/ET16100CP-R16

Receiver of 8/16-port Coax to 8/16-port 10/100Base-TX Ethernet over Coax Converter with PoC

EtherXtra™



Ethernet Extension

EoC with Power (SLOC)



ET8100CP-R8



ET16100CP-R16

Features

General

- ▶ Connecting up to 8"/16" x ET1100CP-T and IP cameras
- ▶ Ethernet Extension: Security Link over Coax
- ▶ 10/100Mbps Full-duplex communication
- ▶ Power over coaxial (max. 20W per port)
- ▶ Constant Data rate: 36Mbps/21Mbps (Downlink), 11Mbps/3Mbps (Uplink)
- ▶ Maximum distance: 500m over Coax (RG-59/U)
- ▶ Dip Switch for selecting distance 500m/300m
- ▶ Support Auto MDI/MDI-X function
- ▶ 100-240VAC power input
- ▶ 19" 1U Rack-mount
- ▶ 0°C to 50°C (32°F to 122°F) operating temperature

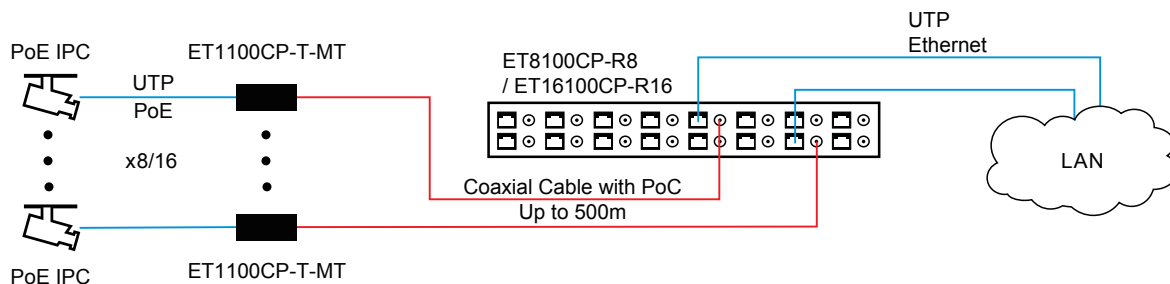
Warranty

- ▶ 5-Year Warranty

Ordering Information

Model	Description
ET8100CP-R8	Receiver of 8-port Coax to 8-port 10/100Base-TX Ethernet over Coax Converter with PoC
ET16100CP-R16	Receiver of 16-port Coax to 16-port 10/100Base-TX Ethernet over Coax Converter with PoC
Mounting	■ 19" 1U Rack Mount.
Power Supply	■ 100 - 240VAC input.

Typical Application



Specifications

Ethernet

Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX
Cabling:	Cat5 or above
Maximum Distance:	
Ethernet Cable:	100m
Connector:	8 ^{#1} / 16 ^{#2} x RJ-45

Coaxial

Cabling:	Coaxial Cable (75 ohm)	
Connector:	8 ^{#1} / 16 ^{#2} BNC (female)	
Distance:	Up to 300m/500m on RG-59/U (Switch selectable)	
Data Rate:	<300m	<500m
Downlink (TX to RX)	36Mbps (Fixed)	21Mbps (Fixed)
Uplink (RX to TX)	11Mbps (Fixed)	3Mbps (Fixed)
Technology:	SLOC (Security Link over Coax)	

Environmental

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-20°C to 75°C (-4°F to 167°F)
Relative Humidity:	0% to 95% non-condensing

Electrical and Mechanical

Input Power:	100-240VAC, 50/60Hz
Power Consumption:	
ET8100CP-R8:	25W max. (PoC not in use) 200W max. (with PoC)
ET16100CP-R16:	50W max. (PoC not in use) 400W max. (with PoC)
LED Indicators:	
PWR:	Power Status
Ethernet:	SPD, LINK/ACT
Coax Data:	LINK, ACT, PoC
Dimensions (WxDxH):	483mm x 290mm x 44mm (1RU)
Weight:	2 ^{#1} / 4.5 ^{#2} Kg
Casing:	Metal Case
Mounting:	Rack Mounting

Regulatory Approvals

ISO9001
FCC Part 15 Class B
EN55022 Class A
Surge Protection:
RJ45: 1.0KV
Coax: 2.0KV
Power: 0.5KV

^{#1} ET8100CP-R8

^{#2} ET16100CP-R16

