

ET8100CP-R8/ET16100CP-R16

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

Ethernet Extension

EoC with Power (SLOC)

EtherXtra™



ET8100CP-R8



ET16100CP-R16



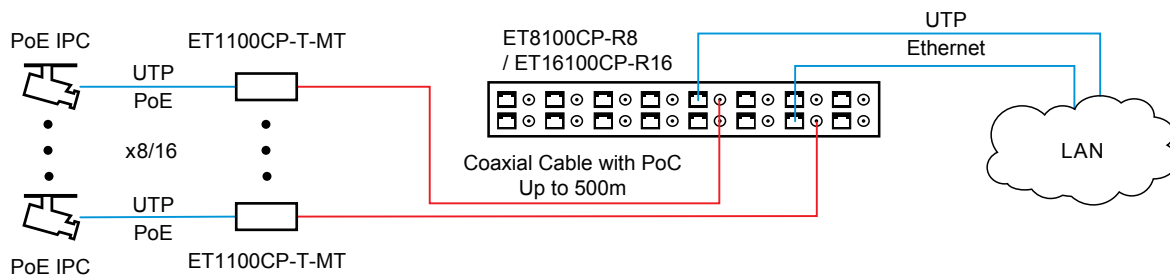
Features

- ▶ 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 (Downlink/Uplink):
36Mbps/11Mbps@300m, 21Mbps/3Mbps@500m
- ▶ 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

Typical Application



Specifications

Ethernet		
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX	
Cabling	Cat5 or above	
Maximum Distance		
Ethernet Cable	100 m	
Connector	8 ^{#1} / 16 ^{#2} × RJ-45	
Coaxial		
Cabling	Coaxial Cable (75 ohm)	
Connector	8 ^{#1} / 16 ^{#2} × BNC (female)	
Transmissions 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)	
Electrical and Mechanical		
Input Power	100-240VAC, 50/60Hz	

Specifications

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 (Per Port)	SPD, LINK/ACT
Coax Data (Per Port)	LINK, ACT, PoC
Dimensions (W x D x H)	483 × 290 × 44 mm (1RU)
Weight	2 ^{#1} / 4.5 ^{#2} Kg
Casing	Aluminum case
Mounting	Rack Mount

Environmental

Operation 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	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

#1 ET8100CP-R8

#2 ET16100CP-R16

Ordering Information

Available Model	Description
ET8100CP-R8	Receiver of 8-port Coax to 8-port 10/100Base-TX Ethernet over Coax Extender with PoC
ET16100CP-R16	Receiver of 16-port Coax to 16-port 10/100Base-TX Ethernet over Coax Extender with PoC

Package Checklist

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| ■ Receiver of Ethernet over Coax Extender with PoC | x 1 |
| ■ Hardware installation guide(printed) or QIG | x 1 |