

ET2200CPp-R8/ET4200CPp-R16 Series

Receiver of 8/16-port Coax to 2/4-port 10/100/1000Base-TX Ethernet over Coax Converter with PoC

EtherXtra™



Ethernet Extension

EoC with Power (PLC)



ET2200CPp-R8



ET4200CPp-R16

Features

General

- ▶ Connecting up to 8/16 x ET1100CPp-T and IP Cameras
- ▶ 1000Mbps Full-duplex communication
- ▶ PoE+ (30W) and Power over Coaxial
- ▶ Data Rate up to: 40Mbps (Downlink), 40Mbps (Uplink)
- ▶ Max. Distance: 1000m over Coax (RG59/U)
- ▶ Auto MiD/MDI-X for reliable detection and correction for straight-through and crossover cables
- ▶ External 48VDC power input
- ▶ Wall mount installation

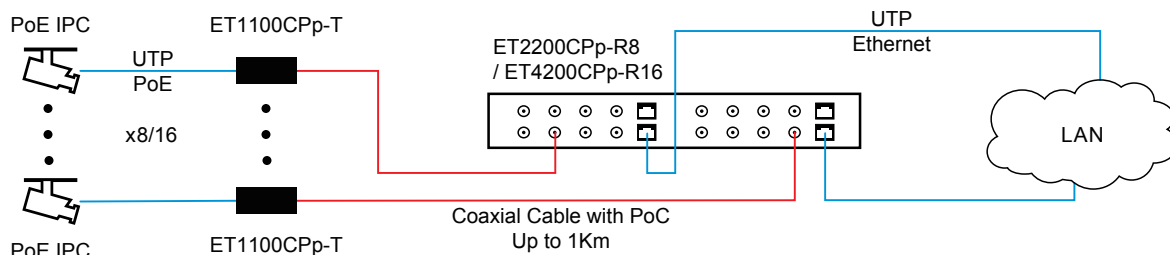
Warranty

- ▶ 5-Year Warranty

Ordering Information

Model	Description
ET2200CPp-R8	Receiver of 8-port Coax to 2-port 10/100/1000Base-TX Ethernet over Coax Converter with PoC
ET4200CPp-R16	Receiver of 16-port Coax to 4-port 10/100/1000Base-TX Ethernet over Coax Converter with PoC
Mounting	■ 19" 1U Rack Mount.
Power Supply	■ For available power supply selection, please refer to Power Supply information page in the catalogue or our website www.ot-systems.com for details. ■ Power Supply is to be purchased separately.

Typical Application



Specifications

Ethernet

Standards:	IEEE802.3 10BASE-T
	IEEE802.3u 100BASE-TX
	IEEE802.3ab 1000BASE-T
	IEEE802.3at
Cabling:	Cat5 or above
Maximum Distance:	100m
Connector:	2 ^{#1} / 4 ^{#2} x RJ-45

Coaxial

Cabling:	75 ohm Coax
Connector:	4 BNC x 2 ^{#1} / 4 ^{#2} Group (female)
Distance:	1 km
Data Rate per port:	40Mbps Max. (Downlink)
	10Mbps Max. (Uplink)
Technology:	Power Line Communication (PLC)

Environmental

Operating 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

Electrical and Mechanical

ET2200CPp-R8

Input Power :	48~57VDC (Terminal Block)
Power Consumption:	10W Total (2 Power Inputs) Max. without PoC
	400W Total (2 Power Inputs) Max. with PoC

ET4200CPp-R16

Input Power:	48~57VDC (Terminal Block)
Power Consumption:	20W Total (4 Power Inputs)Max. without PoC
	800W Total (4 Power Inputs)Max. with PoC

Protection:	
Reverse Polarity:	Present
Overload Protection:	Present
Dimensions (WxDxH):	483mm x 220mm x 44mm (1RU)
Weight:	1 ^{#1} / 2 ^{#2} Kg
Casing:	Aluminum case
Mounting:	Rack Mount

Regulatory Approvals

ISO9001
FCC part 15 Class A
CE EN55022 Class A
Surge Protection:
RJ45: 2kV
Coax: 2kV
Power: 500V

^{#1} ET2200CPp-R8

^{#2} ET4200CPp-R16



OT Systems Ltd., Apr 2015

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

