

ET2200CPp-R8/ET4200CPp-R16

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

Ethernet Extension

EoC with Power (PLC)

EtherXtra™



ET2200CPp-R8



ET4200CPp-R16



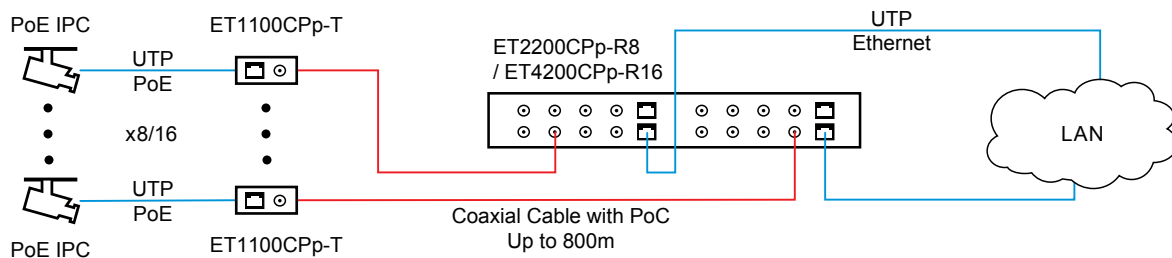
Features

- ▶ Connecting up to 8/16 x ET1100CPp-T and IP Cameras
- ▶ 1000Mbps Full-duplex communication
- ▶ BNC port support 30W high power over Coaxial
- ▶ Data Rate up to: 40Mbps (Downlink), 10Mbps (Uplink)
- ▶ Max. Distance: 800m over Coax (RG59/U)
- ▶ Auto MDI/MDI-X for reliable detection and correction for straight-through and crossover cables
- ▶ External 48~57VDC power input
- ▶ Rack mount installation

Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab1000Base-T
Cabling	Cat5 or above
Maximum Distance	100m
Connector	2 ^{#1} / 4 ^{#2} × RJ-45

Coaxial

Cabling	75ohm Coax
Connector	4 BNC × 2 ^{#1} / 4 ^{#2} Group (female)
Distance	800m
Data Rate per port	40Mbps Max. (Downlink) 10Mbps Max. (Uplink)
Technology	Power Line Communication(PLC)

Electrical and Mechanical

ET2200CPp-R8

Input Power	48-57VDC (2 × Terminal Block)
Power Consumption	10W Total (2 Power Inputs) Max. w/o PoC 400W Total (2 Power inputs) Max. w/ PoC

Specifications

ET4200CPp-R16

Input Power	48-57VDC (4 × Terminal Block)
Power Consumption	20W Total (4 Power Inputs) Max. w/o PoC 800W Total (4 Power inputs) Max. w/ PoC

Protection

Reverse Polarity	Present
Overload Protection	Present

Dimensions (W x D x H) 483 × 220 × 44 mm (1RU)

Weight 1.5^{#1} / 2^{#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 ET2200CP-R8

#2 ET4200CPp-R16

Ordering Information

Available Model	Description
ET2200CPp-R8	Receiver of 8-port Coax to 2-port 10/100/1000Base-TX Ethernet over Coax Extender with PoC
ET4200CPp-R16	Receiver of 16-port Coax to 4-port 10/100/1000Base-TX Ethernet over Coax Extender with PoC

Optional Accessories (to be purchased separately)

Power Supply Please refer to the power supply information at the back of the catalogue, our website www.ot-systems.com, or consult OTS sales at sales@ot-systems.com for your power system design properly.

Package Checklist

■ Receiver of Ethernet over Coax Extender with PoC	x 1
■ Quick Installation Guide	x 1



OT Systems Ltd., May 2016

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