

ET2200CPp-R8/ET4200CPp-R16 Series

Rack-mount Receiver of 8/16-port Coax to 2/4-port 10/100/1000Mbps Ethernet with PoE+ & PoC



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 per port up to: 40Mbps (Downlink), 40Mbps (Uplink)
- ▶ Max. Distance: 800m over Coax (RG59/U)
- ▶ Auto MDI/MDI-X
- ▶ External 48VDC power input
- ▶ 19" 1U Rack-mount

Warranty

- ▶ 3-Year Warranty

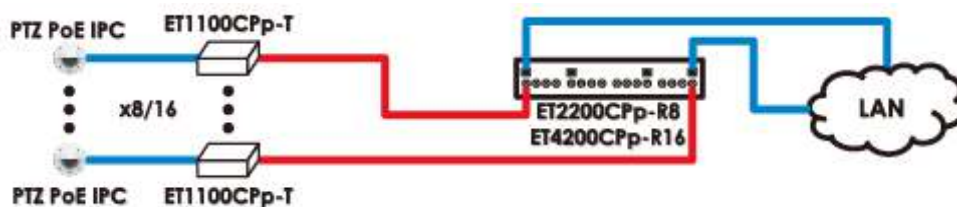


Ethernet Extension

Ordering Information

Model	Description
ET2200CPp-R8	Rack-mount Receiver of 8-port Coax to 2-port 10/100/1000Mbps Ethernet with PoE+ & PoC
ET4200CPp-R16	Rack-mount Receiver of 16-port Coax to 4-port 10/100/1000Mbps Ethernet with PoE+ & PoC
Mounting Options	<ul style="list-style-type: none"> ■ 19" 1U Rack Mount.
Power Options	<ul style="list-style-type: none"> ■ GS120A48 120W/2.5A 48VDC Power Supply. Open wire for Terminal Block. ■ GS220A48 220W/4.6A 48VDC Power Supply. Open wire for Terminal Block. ■ 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:	
ET2200CPp-R8	2xRJ45
ET4200CPp-R16	4xRJ45

Coaxial

Cabling:	Coaxial Cable (75 ohm)
Connector:	
ET2200CPp-R8	4 BNC x 2 Group (female)
ET4200CPp-R16	4 BNC x 4 Group (female)
Distance:	800m
Data Rate:	Max 160Mbps (4 Coax total in each group) (Uplink/Downlink)
Technology:	HomePlug AV

Environmental

Operating Temperature:	0°C to 50°C (14°F to 122°F)
Storage Temperature:	-10°C to 60°C (14°F to 140°F)
Relative Humidity:	5% to 90% non-condensing

Electrical and Mechanical

Input Power:	
ET2200CPp-R8	2x External AC Adapter 48~57VDC
ET4200CPp-R16	4x External AC Adapter 48~57VDC
Power Consumption:	
ET2200CPp-R8	10W Max. without PoC
	500W Max. with PoC
ET4200CPp-R16	20W Max. without PoC
	1000W Max. with PoC
Protection:	
Reverse Polarity:	Present
Overload Protection:	Present
Dimensions (WxDxH):	482.6mm x 220mm x 44mm (1RU)
Weight:	
ET2200CPp-R8	1Kg
ET4200CPp-R16	2Kg
Casing:	Aluminum case
Mounting Option:	Rack Mount

Regulatory Approvals

ISO9001
EN55022 Class A, FCC part 15
Surge Protection:
RJ45: 1kv
Coax: 2kv
Power: 500V



OT Systems Ltd., May 2014

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

