ET1100CPp Series

Industrial 10/100Base-TX Ethernet over Coaxial Converter with PoE+ & PoC

Etherktra TM













General

- ▶ PoE+ (30W) and Power over Coaxial
- ▶ 802.3af/802.3at Compliant
- Data Rate up to: 90Mbps (Downlink), 90Mbps (Uplink)
- ► Max. Distance: 1Km over Coax (RG-59/U)
- Compatible with 4-port standalone Receiver & Rack Mount 8/16-port Receiver
- Accept 48VDC external power input or PoE power input from RJ45 port

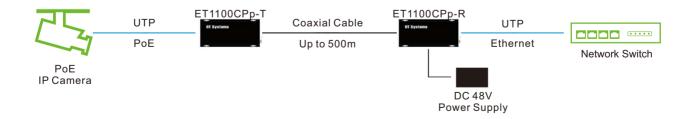
Warranty

▶ 3-Year Warranty

Ordering Information

Model	Description
ET1100CPp-T ET1100CPp-R	Transmitter of 10/100Base-TX Ethernet Over Coaxial with PoE+ & PoC Receiver of 10/100Base-TX Ethernet Over Coaxial with PoE+ & PoC
Power Options	■ GS60A48 60W/1.25A 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

IEEE802.3at

Cabling: Cat5orabove

Maximum Distance: 100m
Connector 1xRJ45

Coaxial

Cabling: Coaxial Cable (75 ohm)

Connector: 1 BNC (female)

Distance: Up to 1Km on RG-59/U

Data Rate:

Downlink: 90Mbps (max.)
Uplink: 90Mbps (max.)
Technology: HomePlug AV

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 95% non-condensing

Electrical and Mechanical

Input Power: 48V~57VDC (Terminal Block) or

IEEE802.3atPD

Power Consumption: 8W Max. (PoC not in use)

60W Max. (POC in use)

Protection:

Reverse Polarity: Present

PoE:

Standard: IEEE802.3at

Mode: B
Port: RJ45

Max. Power per port: 25.5W max. at RX (Powered Device)

30W max. at TX (Power Souring

Equipment)

Dimensions (WxDxH): 70 X 97 X 23.6 mm

Weight: 200g

Casing: Aluminum case
Mounting Option: Wall Mounting

Regulatory Approvals

ISO9001

FCC Part 15 Class A EN55022 Class A

EN61000-4-5 (Surge Standards)

RJ45: 1kV Coaxial: 2kV Power: 500V



