

# ET4100CPp-TS

Transmitter of 4-port 10/100Mbps TX (PoE+) to 1-port Coax Ethernet Switch with PoC

Ethernet Extension

EoC with Power (PLC)

**EtherXtra™**



## Features

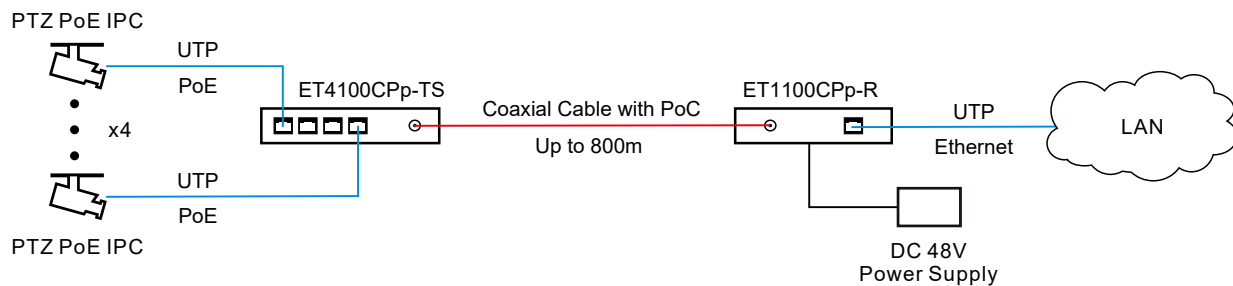
- ▶ Compatible with ET1100CPp-R
- ▶ Connecting up to 4 IP Cameras or devices
- ▶ Support 10/100Base-TX, Full/Half-duplex, Auto-negotiation, Auto-MDI/MDIX
- ▶ Support Power over Ethernet (PoE): IEEE802.3af/at
- ▶ Maximum transmission distance: 800m on RG-59/U coaxial cable
- ▶ Automatically support multicast transmission (IGMP)
- ▶ Data Rate up to (per port): 25Mbps (Downlink / Uplink)
- ▶ External 48VDC power input
- ▶ Wall-Mount installation
- ▶ -10°C to 60°C(14°F to 140°F) operating temperature



## Warranty

- ▶ 5-Year Warranty

## Typical Application



## Specifications

Ethernet	
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet
Processing Type	Store-and-Forwards Half-duplex, Full-duplex
Forward & Filtering Rate	14,880pps for 10Mbps 148,800pps for 100Mbps
Cabling	Cat5 or above
Maximum Distance	100m
Connector	4 x RJ45
Address Table Size	2048 MAC Addresses
Coaxial	
Cabling	Coaxial Cable (75 ohm)
Connector	1 BNC (female)
Distance	800m on RG-59/U
Data Rate per port	25Mbps (Downlink / Uplink)
Technology	Power Line Communication (PLC)

## Specifications

### Electrical and Mechanical

Input Power	48-57VDC (Terminal Block) or from Power over Coax (PoC)
Power Consumption	10W Max. (PoE not in use) 144W Max. (PoE in use)
Protection	
Reverse Polarity	Present
Overload Protection	Automatic Resettable
LED Indicators	
Power	Power Status
10/100TX (Per Port)	LINK/Activity, PoE
Coax Data	LINK, Activity
PoE	
Standard	IEEE802.3af/at
Mode	B
Port	P1-P4
Max. Power Per Port	30W Max. (Power Sourcing Equipment)
Dimensions (W x D x H)	148 × 120 × 31 mm
Weight	0.5 Kg
Casing	Aluminum case
Mounting	Wall Mount

### Environmental

Operation 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
MTBF	> 100,000 hrs

### Regulatory Approvals

ISO9001  
FCC Part 15 Class A  
EN55022 Class A  
Surge Protection  
RJ45: 1KV  
BNC:2KV  
Power:500V

## Ordering Information

Available Model	Description
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### 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](http://www.ot-systems.com), or consult OTS sales at [sales@ot-systems.com](mailto:sales@ot-systems.com) for your power system design properly.

### Package Checklist

■ Transmitter of Coax Ethernet Switch with PoC	x 1
■ Quick Installation Guide	x 1