ET4100CPp-TS

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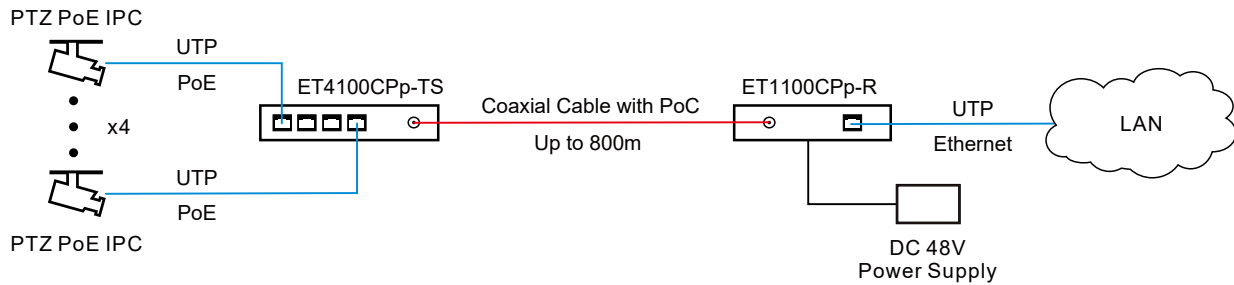
EtherXtra™

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
► -10ºC to 60ºC(14ºF to 140ºF) operating temperature

Warranty

► 5-Year Warranty

Typical Application

PTZ PoE IPC — UTP — PoE — x4 — UTP — PoE — PTZ PoE IPC

ET4100CPp-TS — Coaxial Cable with PoC — Up to 800m — ET1100CPp-R — UTP Ethernet — LAN

DC 48V Power Supply

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
ET4100CPp-TS	Transmitter of 4-port 10/100Mbps TX(PoE+) to 1-port Coax Ethernet Switch 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

- Transmitter of Coax Ethernet Switch 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.