

# ET1212Pp-S

Industrial 10/100/1000Base-TX (PoE+) to 1000Base-FX SFP Ethernet Media Converter



## Features

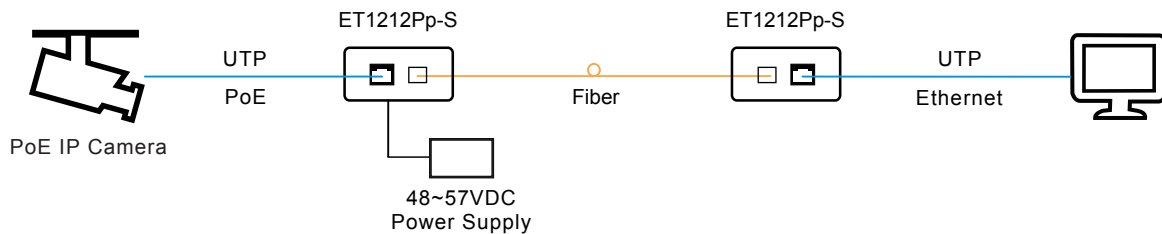
- ▶ Converts 10/100/1000Base-TX to 1000Base-FX SFP
- ▶ Supports IEEE802.3at PoE+ (30W)
- ▶ Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base SFP
- ▶ 9K Bytes Jumbo Frame
- ▶ Supports Desktop and Wall-mount installation
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature



## Warranty

- ▶ 5-Year Warranty

## Typical Application



## Specifications

### Ethernet

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet
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Processing Type	Store-and-Forward
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)

Packet Buffer Memory	1Mbit
Max Packet Length	9K Bytes
Address Table Size	2048K MAC Addresses

### Interface

Connector	1 x RJ45
Optical Port	1 x SFP 1000Base-X

### Electrical and Mechanical

Input Power	48~57VDC, DC-Jack
Power Consumption	36W 0.7A@52VDC
LED Indicators	
Power	Power Status
PoE	PD plug Status
Ethernet (Per Port)	LINK/Activity
SFP	LINK
Dimensions (WxDxH)	83 x 70 x 23.6mm
Weight	0.2 Kg
Casing	Aluminum Case
Mounting Options	Desktop / Wall Mount

## Specifications

### 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
MTBF	> 200,000 hrs

### Regulatory Approvals

ISO9001, CE, FCC, RoHS

EMI:

EN55022:2010+AC: 2011, Class A

EN 61000-3-2: 2006+A1: 2009+A2: 2009

EN 61000-3-3: 2013

EN55024:2010

EMS:

IEC 61000-4-2: 2008 (ESD)

IEC 61000-4-3: 2010 (RS)

IEC 61000-4-4: 2012 (EFT)

IEC 61000-4-5: 2014 (Surge)

IEC 61000-4-6: 2013 (CS)

IEC 61000-4-8: 2009 (PFMF)

## Ordering Information

Available Model	Description
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### Optional Accessories (to be purchased separately)

<b>SFP</b>	(S) = SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website <a href="http://www.ot-systems.com">www.ot-systems.com</a> for details.
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### Package Checklist

■ Fast Ethernet PoE Media Converter	x 1
■ 0.7A 52VDC power Adapter with DC Jack	x 1
■ Quick Installation Guide	x 1

