

ET1212PpH-S-DR

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

Media Converters

PoE Media Converters



Features

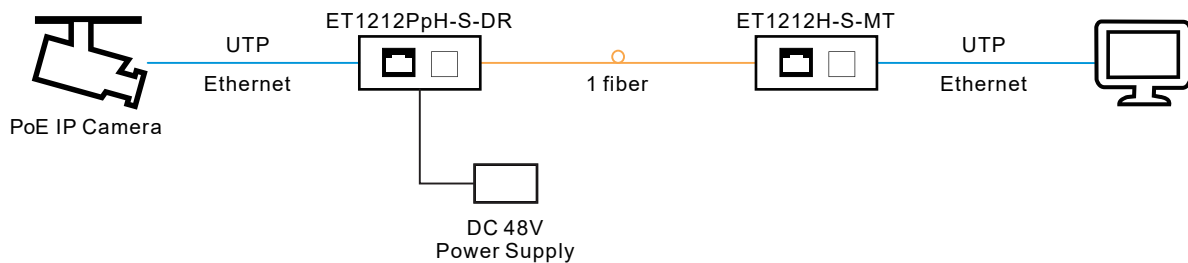
- ▶ Converts 10/100/1000Base-TX to 1000Base-FX SFP
- ▶ Supports IEEE802.3at PoE+ (30W)
- ▶ Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base SFP
- ▶ 9K Bytes Jumbo Frame
- ▶ 12~48VDC Terminal Block Power input
- ▶ Supports DIN-Rail and Wall-mount installation
- ▶ -40°C to 75°C (-40°F to 167°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
-----------	--

Processing Type	Store-and-Forward
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)

Packet Buffer Memory	1 Mbit
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	12~48VDC, 2-pin terminal block
Power Consumption	Max 36W
LED Indicators	
Power	Power Status
PoE	PD plug Status
RJ45	LINK/Activity
SFP	LINK

Specifications

Dimensions (W x D x H)	31 x 80 x 96mm
Weight	0.25 Kg
Casing	Aluminum Case
Mounting Options	DIN Rail / Wall Mount

Environmental

Operation Temperature	-40°C to 75°C (-40°F to 167°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
ET1212PpH-S-DR	Hardened 10/100/1000Base-TX (PoE+) to 1000Base-FX SFP Ethernet Media Converter

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

■ Fast Ethernet PoE Media Converter	x 1
■ L-shaped wall mount bracket	x 1
■ Quick Installation Guide	x 1

