

ET111PpH-S-DR

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

Media Converters

PoE Media Converters



Features

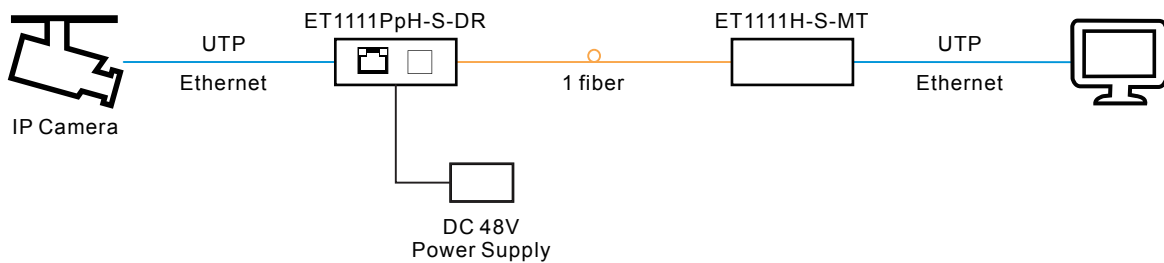
- ▶ Converts 100Base-TX to 100Base-FX SFP
- ▶ Supports IEEE802.3at PoE+(30W)
- ▶ Supports Full/Half duplex
- ▶ Supports external 100Base SFP
- ▶ Supports Auto MDI/MDI-X
- ▶ Supports DIN-Rail & Wall-mount installation
- ▶ Extensive LED indicators for network diagnostics
- ▶ Environmentally hardened
-40°C to 75°C (-40°F to 167°F) operating temperature



Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

Standards	IEEE802.3u 100Base-TX/FX IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3x Flow Control
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Processing Type	Forward
Forward Filter Rate	148,800pps (100Mbps)
Cabling	100Base-TX: Cat5 or above
Maximum Distance	Cat5UTP up to 100m
Connector	1 x RJ45
Optical Port	1 x SFP 100Base-FX

Electrical and Mechanical

Input Power	48-57VDC (Terminal Block)
Power Consumption	36W Max. 0.75A@48VDC
LED Indicators	
Power	Power Status
100TX	LINK/Activity, Speed
SFP	LINK/Activity
PoE	
Standard	IEEE802.3at
Port	RJ45
Max. Power	30W Max per port (Alternative B mode)
Dimensions (W x D x H)	96 x 80 x 31 mm
Weight	0.25 Kg

Specifications

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

EN61000-3-2:2006+A1: 2009+A2:2009

EN61000-3-3: 2013

EN55024:2010

EMS

IEC 61000-4-2:2008(ESD)

IEC 61000-4-3:2010(RS)

IEC 61000-4-4:2012(EFT)

IEC61000-4-5: 2014(Surge)

IEC61000-4-6:2013(CS)

IEC61000-4-8:2009(PFMF)

Ordering Information

Available Model	Description
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Optional Accessories (to be purchased separately)

SFP (S)=SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website www.ot-systems.com for details.

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
■ Din Rail Clip	x 1
■ Wall Mount Plate	x 1
■ Quick Installation Guide	x 1



OT Systems Ltd., Oct 2015

Due to continuous improvement, all product specifications are subject to change without further notice.