

ET1212H-S-DR

Hardened 10/100/1000Base-TX to 1000Base-FX SFP Ethernet Media Converter



Features

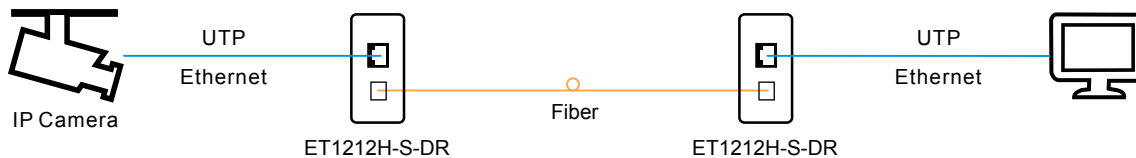
- ▶ Converts 10/100/1000Base-TX to 1000Base-FX SFP
- ▶ Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base SFP
- ▶ Extensive LED indicators for network diagnostics
- ▶ 12/24 VDC or VAC Terminal Block Power inputs
- ▶ Supports DIN-Rail and Wall-mount installation
- ▶ -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
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 / 24 VDC or VAC (Terminal Block)
Power Consumption	Max 3W
LED Indicators	
Power	Power Status
RJ45	LINK/Activity
SFP	LINK
Dimensions (W x D x H)	31 x 80 x 96 mm
Weight	0.25 Kg
Casing	Aluminum case
Mounting Options	DIN-Rail / Wall Mount

Specifications

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	> 300,000 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)

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.
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Package Checklist

■ Gigabit Media Converter	x 1
■ 1.25A 12VDC power adapter with open wire for terminal block	x 1
■ Quick Installation Guide	x 1

