

ET1212H-S-MT

Hardened Microtype 1000Base-TX to 1000Base-FX SFP Ethernet Media Converter

Features

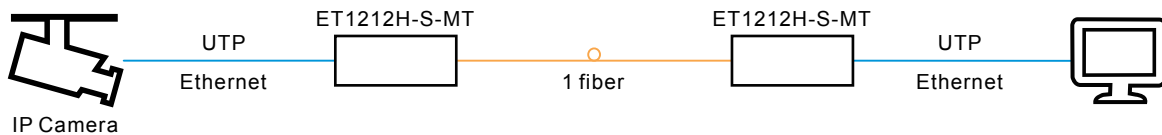
- ▶ Converts 1000Base-T to 1000Base SFP
- ▶ Supports Full/Half duplex
- ▶ Supports external 1000Base SFP
- ▶ Supports Auto MDI/MDI-X
- ▶ Sleek Microtype design, fits within most camera housing
- ▶ Extensive LED indicators for network diagnostics
- ▶ Environmentally hardened
-40°C to 75°C (-40°F to 167°F) operating temperature



Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

Standards	IEEE802.3ab 1000Base-T IEEE802.3z Gigabit Fiber IEEE802.3x Flow Control
Processing Type	Forward
Forward Filter Rate	1,488,000pps (1000Mbps)
Cabling	1000Base-T: Cat5 or above
Maximum Distance	Cat5UTP up to 100m
Connector	1 x RJ45
Optical Port	1 x SFP 1000Base-X

Electrical and Mechanical

Input Power	12VDC (DC Socket)
Power Consumption	2.4W Max. 0.2A@ 12VDC
LED Indicators	
Power	Power Status
1000TX	LINK/Activity, Speed
SFP	LINK/Activity
Dimensions (W x D x H)	36.2 x 117 x 24.5 mm
Weight	0.15 Kg
Casing	Aluminum case
Mounting Options	Wall-mount / MR-C10 1U Rack

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

Specifications

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)
 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.
MR-C10	1U 19 inch Rack for microtype product mountable up to 10 slots, includes 12V power adapter

Package Checklist

■ Gigabit Media Converter	x 1
■ 1.25A 12VDC power Adapter with DC Jack	x 1
■ Quick Installation Guide	x 1

