

ET111H-S-MT

Hardened Microtype 100Base-TX to 100Base-FX SFP Ethernet Media Converter

Features

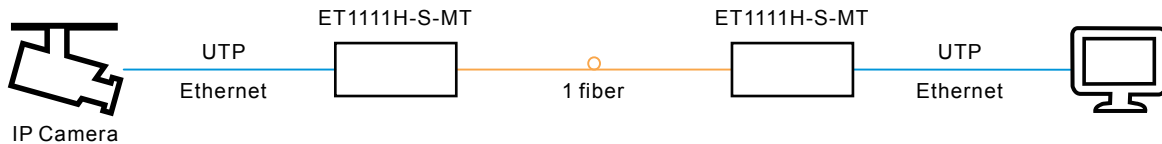
- ▶ Converts 100Base-TX to 100Base SFP
- ▶ Supports Full/Half duplex
- ▶ Supports external SFP
- ▶ Supports Auto MDI/MDI-X
- ▶ Sleek Microtype design, fits within most camera housing
- ▶ Extensive LED indicators for network diagnostics
- ▶ Environmentally hardened
-40°C to 75°C (-40°F to 167°F) operating temperature



Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

Standards	IEEE802.3u 100Base-TX/FX IEEE802.3x Flow Control
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	12VDC (Terminal Block)
Power Consumption	2.4W Max. 0.2A@ 12VDC
LED Indicators	
Power	Power Status
100TX	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

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

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

