ET1111H-S-MT

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

Features

General

► 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

Ordering Information

Model	Description
ET1111H-S-MT	Hardened Microtype 100Base-TX to 100Base-FX SFP Ethernet Media Converter
SFP Options	■ (S) = SFP option. Please select your SFP on our SFP Options page. ■ SFP module is to be purchased separately.
Mounting Options	■ Built-in Wall Mount Bracket. ■ Rack-mountable on 1U rack MR-C10 (Purchase Separately).
Power Options	■ ET-PA/12V 1.25A 12VDC Power Adaptor. Open wire for Terminal Block. ■ Power Adaptor is included for all sales.

Typical Application

IP Camera — UTP Ethernet — ET1111H-S-MT — 1 fiber — ET1111H-S-MT — UTP Ethernet

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:	Cat5 UTP up to 100m
Connector:	1 x RJ45
Optical Port:	1 x SFP 100BASE-FX

Environmental

Operating 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

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 (WxDxH):	36.2 x 117 x 24.5 mm
Weight:	0.15Kg
Casing:	Aluminum Case
Mounting Options:	Wall-mount / MR-C101U Rack

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)

Media Converters

Fast Ethernet Media Converters

OT Systems Ltd., May 2015
Due to continuous improvement, all product specifications are subject to change without further notice.