

# ET111H Series

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



## Features

### General

- ▶ Converts 100Base-TX to 100Base-FX
- ▶ 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

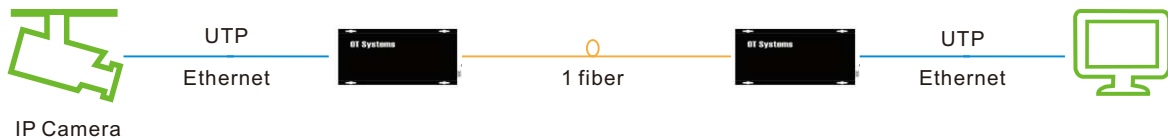
- ▶ 3-Year Warranty

Media Converter

## Ordering Information

Model	Description
ET111H-S-MT	Hardened Microtype 100Base-TX to 100Base-FX SFP Ethernet Media Converter
SFP Options	■ (S) = SFP option. Please select your SFP option on our SFP Options page.
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



## Specifications

### Ethernet

Standards:	IEEE802.3u 100Base-TX/FX
Processing Type:	Forward
	Half-duplex, Full-duplex
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

### Electrical and Mechanical

Input Power:	12VDC (Terminal Block)
Power Consumption:	2.4W Max. 0.2A@12VDC
LED Indicators:	
Power:	PowerStatus
100TX:	Link/Activity, Speed
SFP:	Link/Activity
Dimensions (WxDxH):	36.2x117x24.5 mm
Weight:	0.15Kg
Casing:	Metal Case
Mounting Options:	Wall-mount / MR-C10 1U Rack

### Regulatory Approvals

ISO9001
FCC Part 15, Class A
EN55022:2006+A1:2007 Class A
Surge Protection:
RJ45: 1KV
Power: 500V
ESD: 4KV/8KV



OT Systems Ltd., May 2014

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

