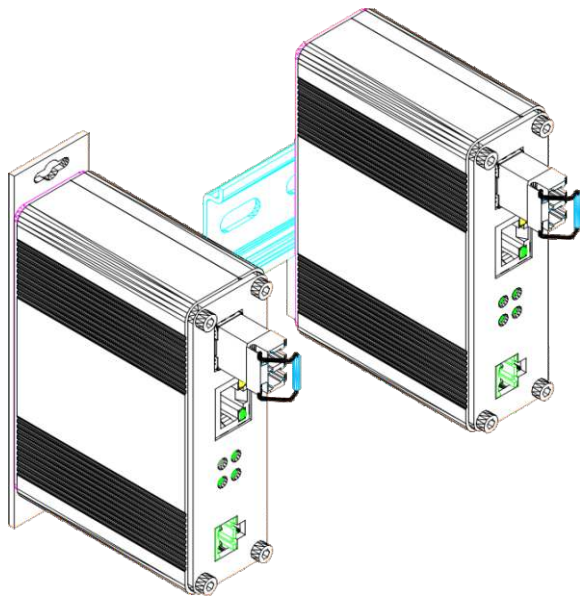# ET1111PpH Series

Hardened 100Base-TX to 100Base-FX SFP Ethernet Media Converter with PoE+

Features

General

► Converts 100Base-TX to 100Base-FX

► Supports IEEE802.3at PoE+(30W)

► Supports Full/Half duplex

► Supports external SFP

► Supports Auto MDI/MDI-X

► Supports DIN-Rail & Wall-mount installation

► Extensive LED indicators for network diagnostics

► Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature
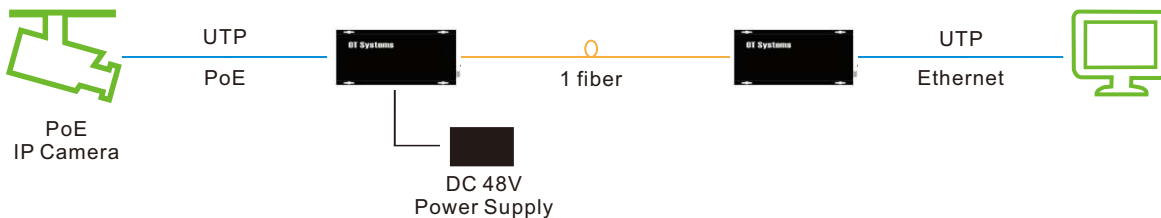
Warranty

► 3-Year Warranty

Ordering Information

Model	Description
ET1111PpH-S-DR	Hardened 100Base-TX to 100Base-FX SFP Ethernet Media Converter with PoE+
SFP Options	■ (S) = SFP option. Please select your SFP option on our SFP Options Page.
Mounting Options	■ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	■ GS60A48 60W/1.25A 48VDC Power Supply. Open Wire for Terminal Block. ■ Power Supply is to be purchased separately.

Typical Application

Specifications

Ethernet

Standards:	IEEE802.3u 100Base-TX/FX
	IEEE802.3at
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:	48VDC (Terminal Block)
Power Consumption:	36W Max. 0.75A@48VDC
PoE:	
Standard:	IEEE802.3at
Port:	RJ45
Max. Power:	30W Max per port (Alternative B Mode)
LED Indicators:	
Power:	Power Status
100TX:	Link/Activity, Speed
SFP:	Link/Activity
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Metal Case
Mounting Options:	DIN-Rail / Wall-mount

Regulatory Approvals

ISO9001

FCC Part 15, Class A

EN55022:2006+A1:2007 Class A

Surge Protection

  RJ45: 1KV

  Power: 500V

ESD: 4KV / 8KV

Media Converter