ET1111PpH Series

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

Features

General

► Converts 100BASE-TX to 100BASE SFP

► Supports IEEE802.3at PoE+(30W)

► Supports Full/Half duplex

► Supports external 100BASE 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
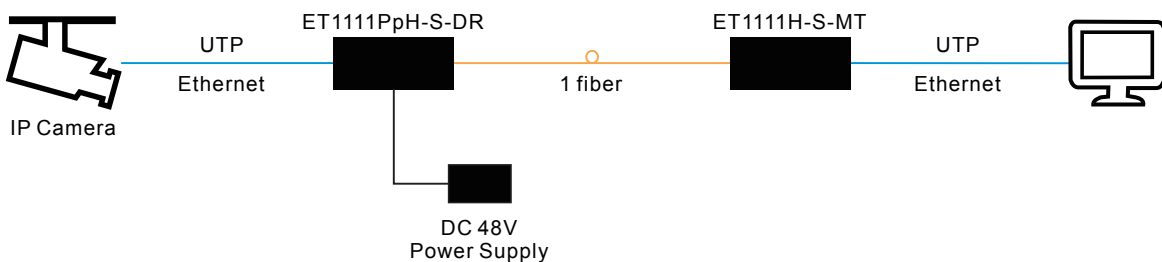
Warranty

► 5-Year Warranty

Ordering Information

Model	Description
ET1111PpH-S-DR	Hardened 100BASE-TX to 100BASE SFP Ethernet Media Converter with PoE+
SFP Options	■ (S) = SFP option. Please select your SFP on our SFP Options Page. ■ SFP module is to be purchased separately.
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

IP Camera — UTP Ethernet — **ET1111PpH-S-DR** — 1 fiber — **ET1111H-S-MT** — UTP Ethernet

DC 48V Power Supply

Specifications

Ethernet

Standards:	IEEE802.3u 100BASE-TX/FX
	IEEE802.3af Power over Ethernet
	IEEE802.3at Power over Ethernet
	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

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):	96 x 80 x 31 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

OT Systems Ltd., Nov 2014
Due to continuous improvement, all product specifications are subject to change without further notice.