

ET1212PpH Series

Hardened 1000BASE-T to 1000BASE SFP Ethernet Media Converter with PoE+



Features

General

- ▶ Converts 1000BASE-T to 1000BASE SFP
- ▶ Supports IEEE802.3at PoE+ (30W)
- ▶ Supports Full/Half duplex
- ▶ Supports external 1000BASE 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

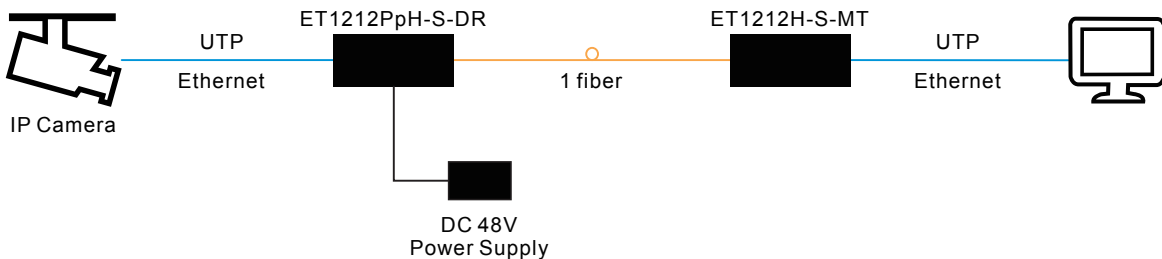


Media Converter

Ordering Information

Model	Description
ET1212PpH-S-DR	Hardened 1000BASE-T to 1000BASE SFP Ethernet Media Converter with PoE+
SFP Options	<ul style="list-style-type: none"> ■ (S) = SFP option. Please select your SFP on our SFP Options Page. ■ SFP module is to be purchased separately.
Mounting Options	<ul style="list-style-type: none"> ■ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	<ul style="list-style-type: none"> ■ GS60A48 60W/1.25A 48VDC Power Supply. Open Wire for Terminal Block. ■ Power Supply is to be purchased separately.

Typical Application



Specifications

Ethernet

Standards:	IEEE802.3ab 1000BASE-T IEEE802.3az Gigabit Fiber IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3x Flow Control
Processing Type:	Forward Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
Cabling:	1000BASE-T: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Connector:	1 x RJ45
Optical Port:	1 x SFP 1000BASE-X

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 per Port:	30W Max per port (Alternative B Mode)
LED Indicators:	
Power:	Power Status
1000TX:	Link/Activity, Speed
SFP:	Link/Activity
Dimensions (WxDxH):	96x80x31 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



OT Systems Ltd., Nov 2014

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

