

ET4212PpH Series

Self-Configured Hardened 4-port 10/100/1000BASE-T + 1-port 1000BASE-FX SFP Ethernet Switch with PoE+/PSE



Features

General

- ▶ Automatically support multicasting
- ▶ Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto-MDI/MDIX
- ▶ Supports external 1000Base-X SFP
- ▶ Supports Daisy-Chain connection
- ▶ Supports IEEE 802.3at Power over Ethernet (PoE) Power Sourcing Equipment (PSE)
- ▶ Supports Light Hardware IGMP V1, V2, V3
- ▶ Supports Relay output for power failure
- ▶ 1M bits frame buffer memory
- ▶ Supports 9K Bytes Jumbo Frame
- ▶ Supports IEEE802.3az
- ▶ Supports Wall-mount and DIN-Rail installation
- ▶ Wide operating temperature range -40°C to 75°C (-40°F to 167°F)

Warranty

- ▶ 3-Year Warranty

Ordering Information

Model	Description
ET4212PpH-S-DR	DIN-Rail Hardened Self-configured 4-Port 10/100/1000Base-T + 1-Port 100/1000Base-FX SFP Ethernet Switch with PoE+/PSE
Options	<ul style="list-style-type: none">■ (S) = SFP option. For details SFP option, please refer to page 3.■ Wall Mount Bracket is included.
Power Adaptor	<ul style="list-style-type: none">■ DR-120-48 120W/2.5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.■ DRP-240-48 240W/5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.■ GS120A48 120W/2.5A 48VDC Power Supply. Open Wire for Terminal Block.■ GS220A48 220W/4.6A 48VDC Power Supply. Open Wire for Terminal Block.■ Power Adaptor/Power Supply is to be purchased separately.

NOTES: (1) Transmission distance will suffer if additional losses are introduced by the optical connectors, fusions, splices and the fibers within the network.

(2) Operating distance of multimode is limited by the characteristics of the fiber bandwidth.

(3) Please feel free to consult factory for any special requirement and customization

Specifications

Ethernet

Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
	IEEE802.3at
Forward & Filtering Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1M bits
Processing Type:	Store-and-Forward
Max Packet Length:	9K Bytes Jumbo Frame
Address Table Size:	2048 MAC Addresses
Connector:	4x RJ-45
Optical Port:	1 x SFP 1000Base-X

Regulatory Approvals

ISO9001
 CE En55022 Class A, FCC part 15
 Surge Protection - RJ-45: 1KV
 Surge Protection - Power: 1KV

Electrical and Mechanical

Input Power:	48VDC/3A (Terminal Block)
Power Consumption:	135W Max. 2.8A@48VDC
PoE:	
Standard:	IEEE802.3at
Port:	RJ-45 Port 1 ~ Port 4
Max. Power per Port:	30W Max per port (Alternative A mode)
Protection:	
Power Input Overload:	Automatic Resettable
Reverse Polarity:	Present
LED Indicators:	
Power:	Power Status
Ethernet (Per Port):	Link/Activity
SFP:	Link/Activity
Dimensions (WxDxH):	136 X 104.6 X 29.5 mm
Weight:	300g
Casing:	Metal Case
Mounting Options:	DIN-Rail / Wall Mount

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



OT Systems Ltd., February 2014

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

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