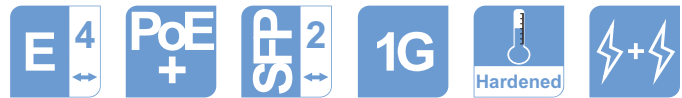


ET4222PpH Series

Self-Configured Hardened 4-port 10/100/1000BASE-T + 2-port 1000BASE-X SFP Ethernet Switch with PoE+/PSE



Features

General

- ▶ Automatically support IGMP (Multicasting)
- ▶ Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDI-X
- ▶ Supports external 1000Base-X SFP
- ▶ Supports Daisy-Chain connection
- ▶ Supports IEEE 802.3at PoE+ (30W per port)
- ▶ Supports Light Hardware IGMP V1, V2, V3
- ▶ Supports Relay output for power failure
- ▶ 1M bits frame buffer memory
- ▶ Supports 9K Bytes Jumbo Frame
- ▶ Redundant Power Inputs
- ▶ Supports Energy Efficient Ethernet IEEE802.3az
- ▶ Supports Wall-mount and DIN-Rail installation
- ▶ Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature

Warranty

- ▶ 3-Year Warranty

Ordering Information

Model	Description
ET4222PpH-S-DR	Self-configured Hardened 4-Port 10/100/1000Base-T + 2-Port 1000Base-X SFP Ethernet Switch with PoE+/PSE
SFP Options	■ (S) = SFP option. Please select your SFP option on our SFP Option page.
Mounting Options	■ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	<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 Supply is to be purchased separately.

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:	1 Mbits
Processing Type:	Store-and-Forward
Max Packet Length:	9K Bytes Jumbo Frame
Address Table Size:	2048 MAC Addresses
Connector:	4x RJ45
Optical Port:	2x SFP 1000Base-X

Regulatory Approvals

ISO9001
EN55022 Class A, FCC part 15
Surge Protection:
RJ-45: 1KV
Power: 500V

Electrical and Mechanical

Input Power:	48~57 VDC (2x Terminal Block)
Power Consumption:	135W Max. 2.8A@48VDC (PoE in use) 5W Max. 0.1A@48VDC (PoE not in use)
PoE:	
Standard:	IEEE802.3at
Port:	RJ45 Port 1 ~ Port 4
Max. Power per Port:	30W Max per port (Alternative B 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:	0.5Kg
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., May 2014

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

