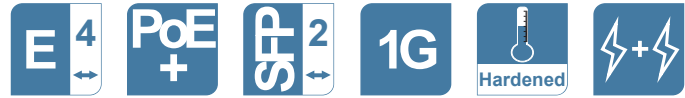


# ET4222PpH-S-DR

Hardened IP CCTV Self-Configured 4-port 10/100/1000Base-T (PoE+) + 2-port 1000Base-FX SFP Ethernet Switch

IP CCTV Self-Configured PoE Switches

PoE Switches



## Features

### General

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

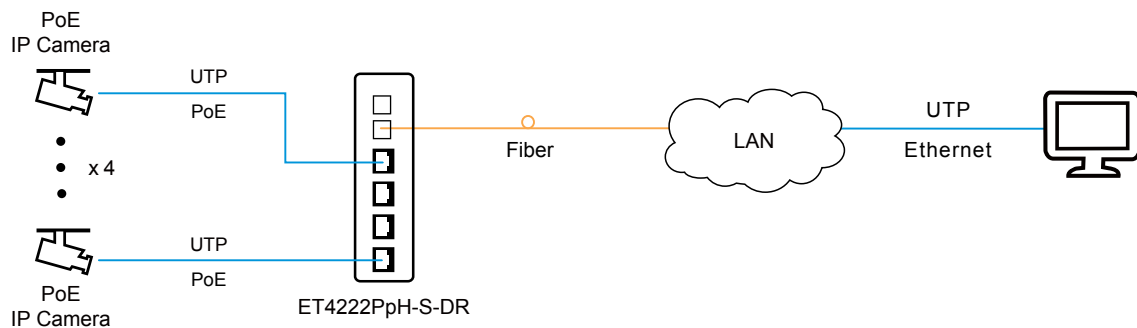
### Warranty

- ▶ 5-Year Warranty

## Ordering Information

Model	Description
ET4222PpH-S-DR	Hardened IP CCTV Self-Configured 4-port 10/100/1000Base-T (PoE+) + 2-port 1000Base-FX SFP Ethernet Switch
SFP Options	<ul style="list-style-type: none"> <li>■ (S) = SFP option. Please select your SFP option on our SFP Option page.</li> <li>■ SFP module is to be purchased separately.</li> </ul>
Mounting Options	<ul style="list-style-type: none"> <li>■ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.</li> </ul>
Power Options	<ul style="list-style-type: none"> <li>■ For available power supply selection, please refer to Power Supply information page in the catalogue or our website <a href="http://www.ot-systems.com">www.ot-systems.com</a> for details.</li> <li>■ Power Supply is to be purchased separately.</li> </ul>

## Typical Application



## Specifications

### Ethernet

Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
	IEEE802.3af Power over Ethernet
	IEEE802.3at Power over Ethernet
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:	4 x RJ45
Optical Port:	2 x SFP 1000BASE-X

### Regulatory Approvals

ISO9001, CE, FCC, RoHS

EMI

EN55022:2010+AC: 2011, Class A

EN 61000-3-2: 2006+A1: 2009+A2: 2009

EN 61000-3-3: 2013

EN55024:2010

EMS

IEC 61000-4-2: 2008 (ESD)

IEC 61000-4-3: 2010 (RS)

IEC 61000-4-4: 2012 (EFT)

IEC 61000-4-5: 2014 (Surge)

IEC 61000-4-6: 2013 (CS)

IEC 61000-4-8: 2009 (PFMF)

### Electrical and Mechanical

Input Power:	2 x 48~57 VDC (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):	148 x 120 x 31mm
Weight:	0.5Kg
Casing:	Aluminum 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
MTBF:	> 200,000 hrs



OT Systems Ltd., May 2015

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

