ET4222Pp-S-DR Series

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

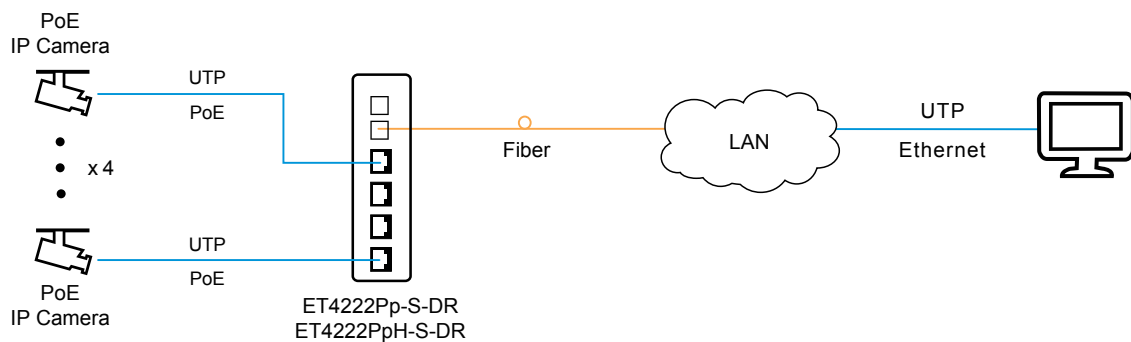## Features

► 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

Typical Application

ET4222Pp-S-DR
ET4222PpH-S-DR

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
Processing Type	Store-and-Forward
Switch Fabric	12 Gbps
Forward Filter Rate	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory	1 Mbit
Max. Packet Length	9K Bytes Jumbo Frame
Address Table Size	2048K MAC Addresses
Connector	4 x RJ45
Optical Port	2 x SFP 1000Base-X

Electrical and Mechanical

Input Power	2 x 48~57VDC (Terminal Block)

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Specifications

Power Consumption	135W Max. 2.8A@48VDC (PoE in use)
	5W Max. 0.1A@48VDC (PoE not in use)
Protection	
Power Input Overload	Automatic Resettable
Reverse Polarity	Present
LED Indicators	
Power	Power Status
Ethernet (Per Port)	LINK/Activity
SFP	LINK/Activity
PoE	
Standard	IEEE802.3at
Port	RJ45 Port1~Port4
Max. Power per port	30W Max per port (Alternative B mode)
Dimensions (W x D x H)	148 x 120 x 31 mm
Weight	0.5Kg
Casing	Aluminum Case
Mounting options	DIN-Rail / Wall-mount

Environmental

Operating Temperature	
Hardened	-40°C to 75°C (-40°F to 167°F)
Industrial	-10°C to 60°C (14°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95% non-condensing
MTBF	> 200,000 hrs

Regulatory Approvals

ISO9001,CE, FCC, RoHS	EMS
EMI	IEC 61000-4-2:2008(ESD)
EN55022:2010+AC:2011, Class A	IEC 61000-4-3:2010(RS)
EN61000-3-2:2006+A1: 2009+A2:2009	IEC 61000-4-4:2012(EFT)
EN61000-3-3: 2013	IEC61000-4-5: 2014(Surge)
EN55024:2010	IEC61000-4-6:2013(CS)
	IEC61000-4-8:2009(PFMF)

Ordering Information

Available Model	Description
ET4222Pp-S-DR	Industrial IP CCTV Self-Configured 4-port 10/100/1000Base-T (PoE+) + 2-port 1000Base-FX SFP Ethernet Switch
ET4222PpH-S-DR	Hardened IP CCTV Self-Configured 4-port 10/100/1000Base-T (PoE+) + 2-port 1000Base-FX SFP Ethernet Switch

Optional Accessories (to be purchased separately)	
SFP	(S)=SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website www.ot-systems.comfor details.
Power Supply	Please refer to the power supply information at the back of the catalogue, our website www.ot-systems.com, or consult OTS sales at sales@ot-systems.com for your power system design properly.

Package Checklist	
■ IP CCTV Self-Configured PoE Switch	x 1
■ Wall Mount Plates	x 1
■ DIN Rail Clip	x 1
■ Quick Installation Guide	x 1

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