

ET4222H-S-DR

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



Features

General

- ▶ 4 10/100/1000Base-TX + 2 1000Base-X SFP
- ▶ Automatically support IGMP (Multicasting)
- ▶ 10/100/1000Mbps RJ45 Port Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base SFP
- ▶ Supports Light Hardware IGMP V1, V2, V3
- ▶ Supports 802.3x Flow control
- ▶ Supports Broadcast Storm Control
- ▶ 1M bits frame buffer memory
- ▶ 9K Bytes Jumbo Frame
- ▶ Supports Relay output for Power failure
- ▶ Redundant Power Inputs
- ▶ Supports Wall-mount and DIN-Rail installation
- ▶ -40°C to 75°C (-40°F to 167°F) operating temperature

Warranty

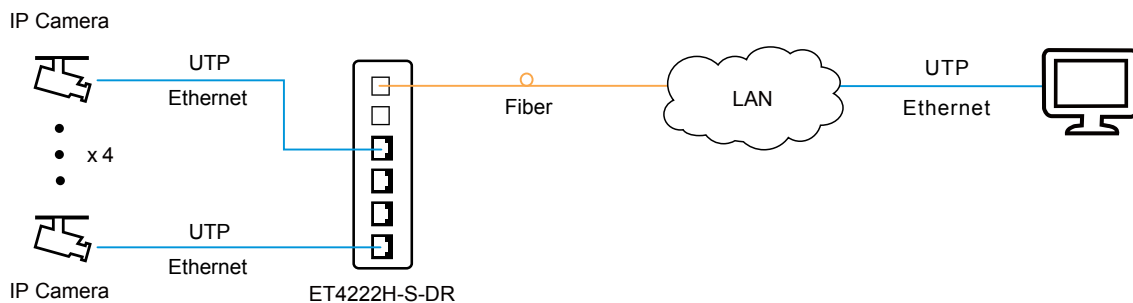
- ▶ 5-Year Warranty



Ordering Information

| Model | Description |
|------------------|--|
| ET4222-S-DR | Hardened IP CCTV Self-Configured 4-port 10/100/1000Base-T + 2-port 1000Base-FX SFP Ethernet Switch |
| 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 | ■ For available power supply selection, please refer to Power Supply information page in the catalogue or our website www.ot-systems.com for details. ■ Power Supply is to be purchased separately. |

Typical Application



Specifications

Ethernet

| | |
|-----------------------|--|
| Standards: | IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X |
| Processing Type: | Store-and-forward |
| Forward Filter Rate: | 14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps) |
| Packet Buffer Memory: | 1M bit |
| Max. Packet Length: | 9K Bytes |
| Address Table Size: | 2048K MAC Addresses |

Interface

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|---------------|--------------------|
| Connector: | 4 x RJ45 |
| Optical Port: | 2 x 1000Base-X SFP |

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: | > 300,000 hrs |

Electrical and Mechanical

| | |
|----------------------|---|
| Input Power: | 12~48VDC, Redundant Power (6-pin Terminal Block) |
| Power Consumption: | Max. 5W |
| LED Indicators: | |
| Power: | Power1, Power2 Status |
| Ethernet (Per Port): | Link/Active |
| SFP: | Link/Active |
| Dimensions (WxDxH): | 148 x 120 x 31mm |
| Weight: | 0.5Kg |
| Casing: | Aluminum Case |
| Mounting Options: | DIN-Rail / Wall Mount |

Regulatory Approvals

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|--------------------------------------|
| ISO9001 |
| EN55022:2010+AC: 2011, Class A |
| EN 61000-3-2: 2006+A1: 2009+A2: 2009 |
| EN 61000-3-3: 2013 |
| EN55024:2010 |
| 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) |



OT Systems Ltd., May 2015

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

