

ET2212H-S-DR

Hardened Self-Configured 2-port 10/100/1000Base-TX + 1-port 1000Base-FX SFP Ethernet Switch



Features

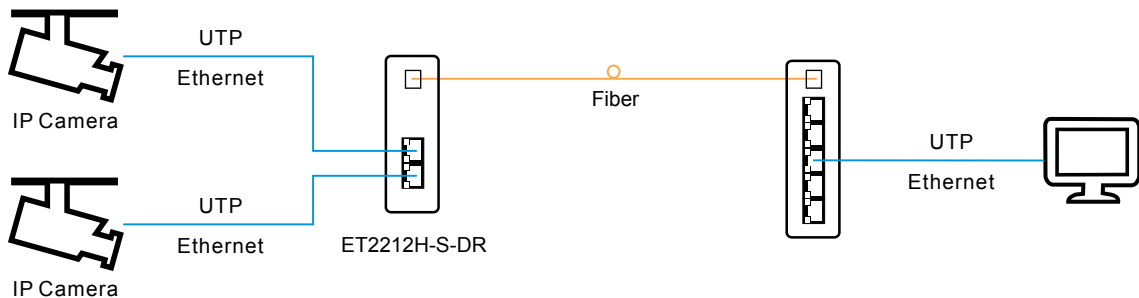
- ▶ 2 10/100/1000Base-TX + 1 1000Base-FX SFP
- ▶ Automatically support IGMP (Multicasting)
- ▶ 10/100/1000Mbps RJ45 Port Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base SFP
- ▶ Supports Light Hardware IGMP V1, V2, V3
- ▶ Supports 802.3x Flow control
- ▶ Supports Broadcast Storm Control
- ▶ 1M bits frame buffer memory
- ▶ 9K Bytes Jumbo Frame
- ▶ Supports Relay output for Power failure and port failure alarm
- ▶ 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

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 |
| Switch Fabric | 6 Gbps |
| Forward Filter Rate | 14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps) |
| Switching Fabric | 6 Gbps |
| Packet Buffer Memory | 1 Mbit |
| Max Packet Length | 9K Bytes |
| Address Table Size | 2048K MAC Addresses |

Interface

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|--------------|---------------------|
| Connector | 2 x RJ45 |
| Optical Port | 1 x 1000Base-FX SFP |

Specifications

Electrical and Mechanical

| | |
|------------------------|--|
| Input Power | 2 x 12~48VDC, Redundant Power (6-pin Terminal Block) |
| Power Consumption | Max 5W |
| LED Indicators | |
| Power | Power1, Power2 Status |
| Ethernet (Per Port) | LINK/Activity |
| SFP | LINK |
| Dimensions (W x D x H) | 31 x 120 x 148 mm |
| Weight | 0.4Kg |
| 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 | > 300,000 hrs |

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)

Ordering Information

| Available Model | Description |
|-----------------|-------------|
|-----------------|-------------|

| | |
|---------------------|---|
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|---------------------|---|

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.com for 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

| | |
|----------------------------|-----|
| ■ Self-Configured Switch | x 1 |
| ■ Wall Mount Plates | x 1 |
| ■ DIN-Rail Clip | x 1 |
| ■ Quick Installation Guide | x 1 |



OT Systems Ltd., January 2016

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