

ET8200pH-DR

Hardened Unmanaged 8-port 10/100/1000Base-TX (PoE+) Ethernet Switch



Features

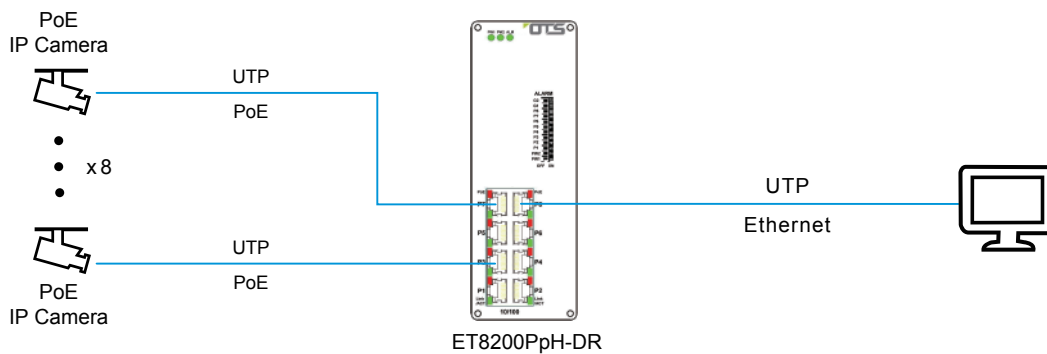
- ▶ 8 10/100/1000Base-TX with PoE+
- ▶ Support IEEE802.3at PoE(30W per port)
- ▶ RJ45 Port Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports 802.3x Flow control
- ▶ Supports 16K MAC address
- ▶ 2M bits frame buffer memory
- ▶ Supports DIN-Rail and Wall-mount installation
- ▶ Redundant Power Inputs
- ▶ -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 IEEE802.3af/at Power over Ethernet
Processing Type	Store-and-Forward
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Switch Fabric	16 Gbps
Packet Buffer Memory	2 Mbit
Max Packet Length	10K Bytes
Address Table Size	16K MAC Addresses
Connector	8 x RJ45

Electrical and Mechanical

Input Power	48~57VDC, Redundant Power Input (6-pin Terminal Block)
Power Consumption	Max. 8W Max. 0.17A@48VDC (PoE not in use)

Specifications

LED Indicators	
Power	Power Status
Ethernet (Per Port)	Link/Activity
PoE	PD plug in
ALM	Power or Port Fail
PoE	
Standard	IEEE802.3at
Port	RJ45 Port 1 ~ Port 8
Per Port Power	30W (Alternative B Mode)
Dimensions (W x D x H)	59 x 120.5 x 165 mm
Weight	0.9 Kg
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

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)

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.
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Package Checklist

■ Unmanaged PoE Switch	x 1
■ Wall Mount plates	x 1
■ Din Rail Clip	x 1
■ Quick Installation Guide	x 1



OT Systems Ltd., May 2016

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