

# ET4111Pp-S-DR

Industrial Unmanaged 4-port 10/100Base-TX (PoE+) + 1-port 100Base-FX SFP Ethernet Switch



## Features

### General

- ▶ Supports IEEE802.3at PoE+ (30W per port)
- ▶ Supports external 100Base SFP
- ▶ Supports Auto-Negotiation and Auto MDI/MDI-X
- ▶ Supports Store-and-Forward Transmission
- ▶ Support DIN -Rail & Wall-mount installation
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature

### Warranty

- ▶ 5-Year Warranty

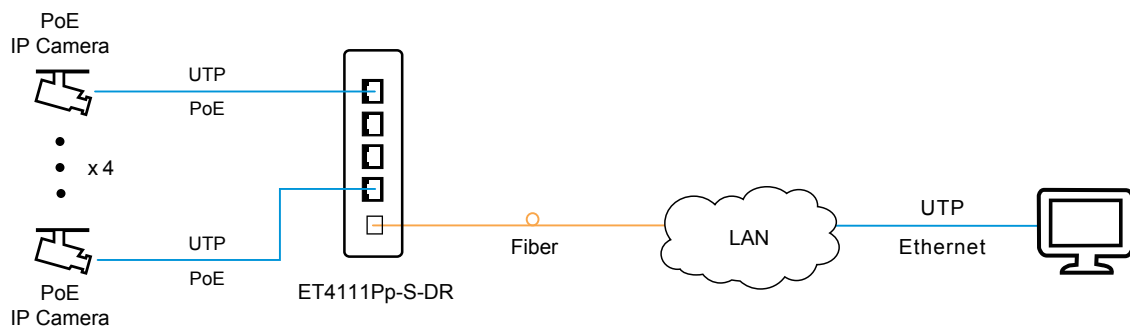
Unmanaged PoE Switches

PoE Switches

## Ordering Information

Model	Description
ET4111Pp-S-DR	Industrial Unmanaged 4-port 10/100Base-TX (PoE+) + 1-port 100Base-FX SFP Ethernet Switch
SFP Options	<ul style="list-style-type: none"><li>■ (S) = SFP option. Please select your SFP 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 IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet
Packet Buffer Memory:	512K bits
Processing Type:	Store-and-forward Half-duplex back-pressure and IEEE802.3x Full-duplex flow control
Forward Filter Rate:	14,880pps (10Mbps) 148,800pps (100Mbps)
Cabling:	10BASE-T: Cat5 or above 100BASE-TX: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Connector:	4x RJ45
Address Table Size:	1024 MAC Addresses

### Environmental

Operating Temperature:	-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

### Electrical and Mechanical

Input Power:	48V~57VDC (Terminal Block)
Power Consumption:	130W Max. 2.7A@48VDC (PoE in use) 5W Max. 0.1A@48VDC (PoE not in use)
PoE:	
Standard:	IEEE802.3at
Port:	RJ-45 Port 1 ~ Port 4
Mode:	Alternative B Mode Positive (VCC+): RJ45 Pin 4, 5 Negative (VCC-): RJ45 Pin 7, 8
Max. Power per port:	30W per Port for PSE
Protection:	
Overload:	Present
Reverse Polarity:	Present
LED Indicators:	
Power:	PWR (Power Status)
10/100TX (Per Port):	Link/Activity, PoE
SFP:	Link/Activity
Dimensions (WxDxH):	136 x 104.6 x 29.5 mm
Weight:	0.5Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail/Wall-mount

### 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)



OT Systems Ltd., May 2015

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

