

# ET16122MPp-S

Web-smart 16-port 10/100Base-TX (PoE+) + 2-port 10/100/1000Base-T/SFP Combo Ethernet Switch



## Features

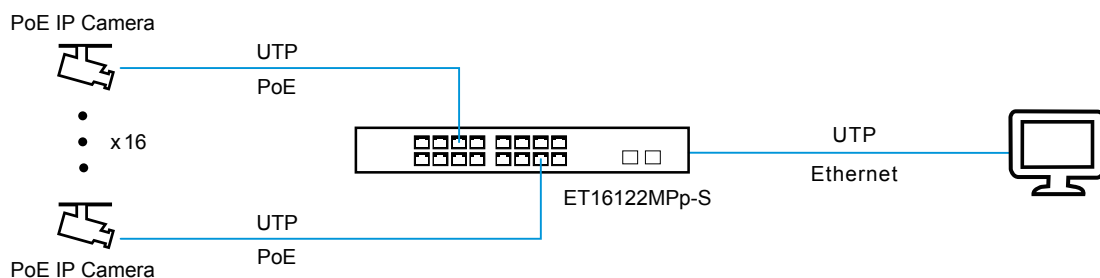
- ▶ 16 10/100Base-TX + 2 10/100/1000Base-TX/SFP Combo with PoE+
- ▶ Supports IEEE802.3at PoE+ (30W per port)
- ▶ RJ45 Port Supports 10/100Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDI-X
- ▶ Combo RJ45 Port Supports 10/100/1000Mbps Full/Half-duplex, Auto-Negotiation, Auto MDI/MDI-X
- ▶ Supports external SFP
- ▶ Supports 802.3x Flow control
- ▶ Supports IGMP snooping V1/V2
- ▶ SNMP V1/V2c
- ▶ Supports 4K MAC address
- ▶ 2.75M bits frame buffer memory
- ▶ 19" 1U Rack-mount
- ▶ AC Power Input
- ▶ 0°C to 50°C (32°F to 122°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 IEEE802.3at
Processing Type	Store-and-Forward
Switch Fabric	7.2 Gbps
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Packet Buffer Memory	2.75 Mbits
Maximum Packet Length	1536 Bytes
Address Table Size	4K MAC Address
Connector	18 × RJ45
Optical Port	2 × SFP 1000Base-X

## Electrical and Mechanical

Input Power	100~240 VAC, 50/60 Hz
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## Specifications

Power Consumption	Max. 7W (System no-load) Max. 12W (System Full-load)
LED Indicators	
Power	Power Status
Ethernet (Per Port)	LINK/Activity, Speed
SFP (Per Port)	LINK/Activity
PoE	
Standard	IEEE802.3at
Port	RJ45 Port1~Port16
Per Port Power	30W (Alternative B Mode)
Max. PoE Power	390W (16 Ports share)
Dimensions (W x D x H)	433 × 345 × 44 mm
Weight	3.3 Kg
Casing	Metal Case
Mounting Options	Rack Mount

## Software Features

Management	Web, CLI, SNMP
PoE Management	PoE Status, PoE Setting, PoE Scheduling
Port Configuration	Port speed duplex mode selection, Bandwidth control, Broadcast Storm Control
VLAN Setting	32 tag based entries VLAN Groups, 18 Port based VLAN Groups, MTU VLAN
QoS Setting	Allows to assign low / high priority on each port, First-in-First-Out, All-High-before-Low, Weight-Round-Robin QoS policy
Security	MAC Address, TCP & UDP Filter
Spanning Tree	STP, IEEE802.1D (Spanning Tree Protocol) RSTP, IEEE802.1w (Rapid Spanning Tree Protocol)
Trunking	2 groups of 4-Port 10/100Base-TX trunk support, up to 800Mbps bandwidth per trunk 1 group of 2-port 10/100/1000Mbps trunk support, up to 2000Mbps bandwidth per trunk
DHCP	DHCP Relay Agent, DHCP Server, VLAN Map Relay Agent
Miscellaneous	Output Queue Aging Time, VLAN striding, IGMP Snooping V1 & V2

## Environmental

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 75°C (-4°F to 167°F)
Relative Humidity	5% to 95% non-condensing
MTBF	> 100,000 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)  
 IEC 61000-4-11: 2004 (Voltage dips/variations)

## Ordering Information

Available Model	Description
ET1612MPp-S	Web-smart 16-port 10/100Base-TX (PoE+) + 2-port 10/100/1000Base-T/SFP Combo Ethernet Switch

## Ordering Information

### 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](http://www.ot-systems.com) for details.

### Package Checklist

- |   |     |
|---|-----|
| ■ Managed PoE Switch                            | x 1 |
| ■ Power code, US, UK, EU, or AU type on request | x 1 |
| ■ Quick Installation Guide                      | x 1 |