

ET16122MPp-S

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



Features

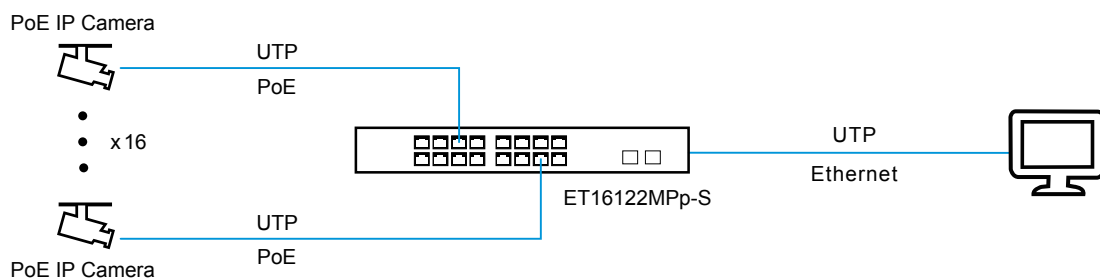
- ▶ 16 10/100Base-TX + 2 10/100/1000Base-TX/SFP Combo with PoE+
- ▶ Supports IEEE802.3at PoE+ (30W per port)
- ▶ RJ45 Port Supports 10/100Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDI-X
- ▶ Combo RJ45 Port Supports 10/100/1000Mbps Full/Half-duplex, Auto-Negotiation, Auto MDI/MDI-X
- ▶ Supports 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 |

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 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 |