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TEG1118P-16-250W

16GE+2SFP Ethernet Switch With 16-Port PoE

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Products Description

TEG1118P-16-250W is a unmanaged PoE switch independently designed by Tenda. Compliant with IEEE 802.3af and IEEE 802.3at standards, it can identify PoE-powered devices intelligently. With a maximum PoE power output of 230W, and 30W for a single port, it can supply power when transmitting data with APs, IP cameras, and IP phones. The switch supports 4 working modes, including standard, priority, extend and VLAN modes, is an ideal choice for SMBs, hotels, schools, factories with video surveillance and wireless networking requirements.

Key Feature

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x and IEEE802.3af/at standards.
- 16 * 100/1000 Mbps Base-T RJ45 ports for data transmission and power supply, 2* 1000 Mbps Base-X SFP slot.
- 8 K MAC address table and MAC address auto-learning.
- IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
- 36 Gbps backplane bandwidth.
- Maximum power consumption of a single port: 30W; Maximum power consumption of the switch: 250W.
- 4 modes: standard, priority, extend and VLAN.

Product Features

6 kV lightning protection

The switch offers various safety and protection types, including 6 kV lightening protection, PSE short-circuit protection, PoE overload protection, surge current protection etc.

Gigabit uplink port

With two 1000 Mbps SFP slot, the switch can meet the current demand for uplink bandwidth of Gigabit WLAN and HD digital surveillance.

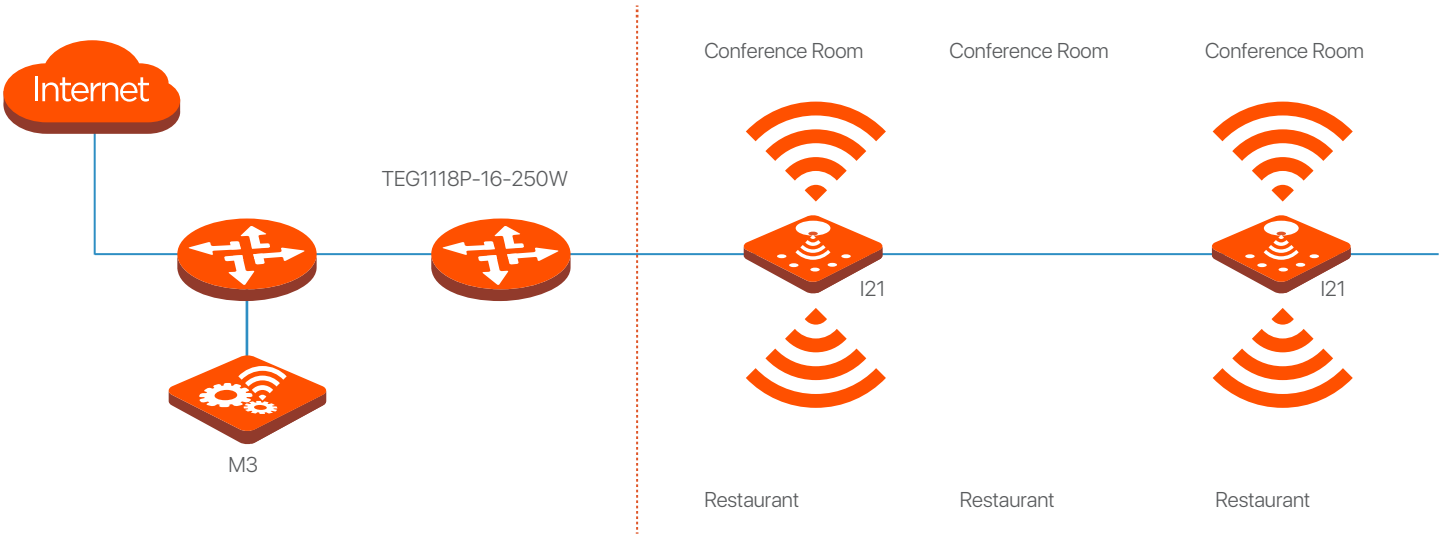
230 W PoE power supply

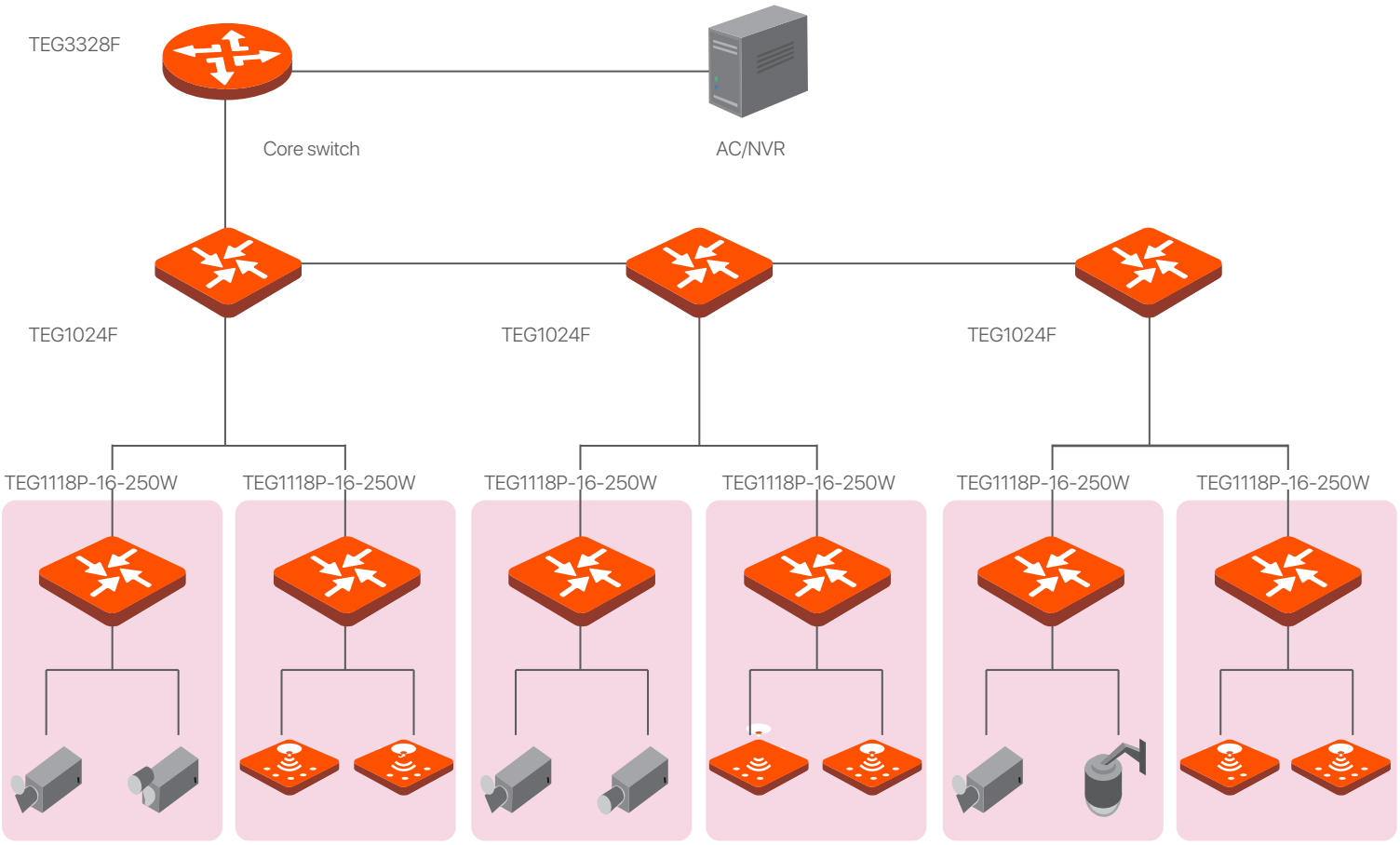
The switch features 16 IEEE 802.3at/af-compliant RJ45 ports. The entire switch offers a maximum PoE power output of 230 W, and 30 W for a single port, to supply power to and data transmission with 16 PoE-powered devices such as APs and IP cameras.

One-Key to switch 4 modes

It supports 4 working modes, including standard, priority, extend and VLAN modes. The hardware DIP mode switch makes networking straightforward and effortless.

Application





Product specifications

Product Model	TEG1118P-16-250W
Specifications	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at
LEDs indicator	16 * Link/Act LEDs 2 * SFP LED 1 * PoE-MAX LED 1 * Power LED
Interfaces	16 * 100/1000 Mbps Base-T RJ45 ports (Data/Power) 2* 1000 Mbps Base-X SFP port
Forwarding Rates	26.8 Mpps
Switching capacity	36 Gbps
MAC Address Table	8K
Lightning protection	≥6KV
Input voltage	AC: 100-240V~50/60Hz
PoE supply	Ports 1-16 support standard IEEE802.3af/at 30W output per PoE port 230W output of the total PoE Power
Power consumption	250W output the whole device
Dimensions	440*178.8*44mm
Four Modes	**Standard:** Default mode of the switch. In this mode, it works as an unmanaged switch; all ports can communicate with each other separately. **Priority:** In this mode, port15,16,SFP1,SFP2 serve as uplink ports, ports 1 – 8 serve as high priority port. All ports can communicate with each other separately. **Extend:** In this mode, data rate of ports 9 - 14 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other. **VLAN:** In this mode, ports 1 - 14 of the switch can communicate with port 14,15,SFP1,SFP2 separately, but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.
Environment	Operating Temperature: 0°C~45°C (32°F~113°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Certifications	FCC、CE、RoHS

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