

Tenda



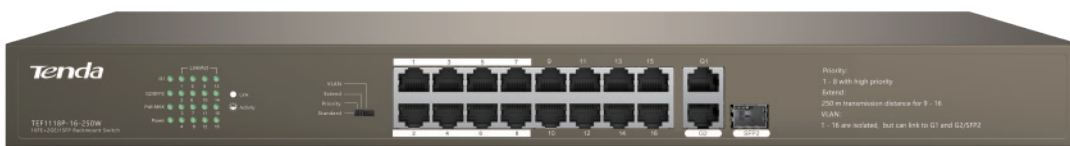
All for better networking.

TEF1118P-16-250W

16FE+2GE/1SFP Rackmount Switch With 16-Port PoE

www.tendacn.com

Link
More



TEF118P-16-250W

16FE+2GE/1SFP Rackmount Switch With 16-Port PoE

Products Description

TEF118P-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 250 W, and 30 W 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 * 10/100 Mbps Base-TX RJ45 ports for data transmission and power supply, 2 * 10/100/1000 Mbps Base-T RJ45 ports for data transmission, 1 * 10/100/1000 Mbps Base-X combo SFP slot.
- 4 K MAC address table and MAC address auto-learning.
- IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
- 7.2 Gbps backplane bandwidth.
- Maximum power consumption of a single port: 30W; Maximum power consumption of the switch: 230W.
- 2.75 MB cache size for smooth video surveillance.
- 4 modes: standard, priority, extend and VLAN.

Product Features



6 kV lightning protection

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



Gigabit uplink port

With one 10/100/1000 Mbps combo SFP slot, the switch can meet the current demand for uplink bandwidth of Gigabit WLAN and HD digital surveillance.



230 W PoE power supply

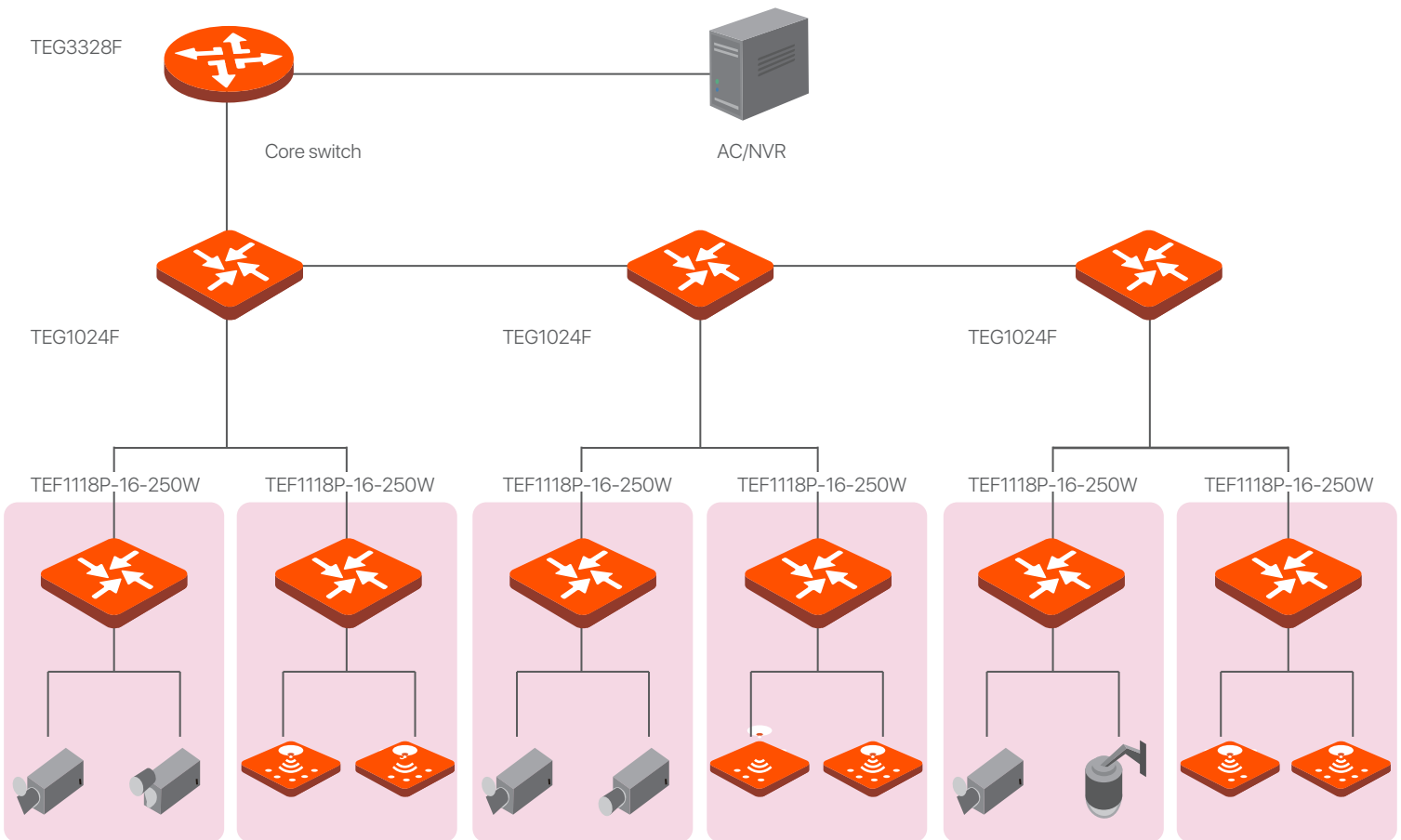
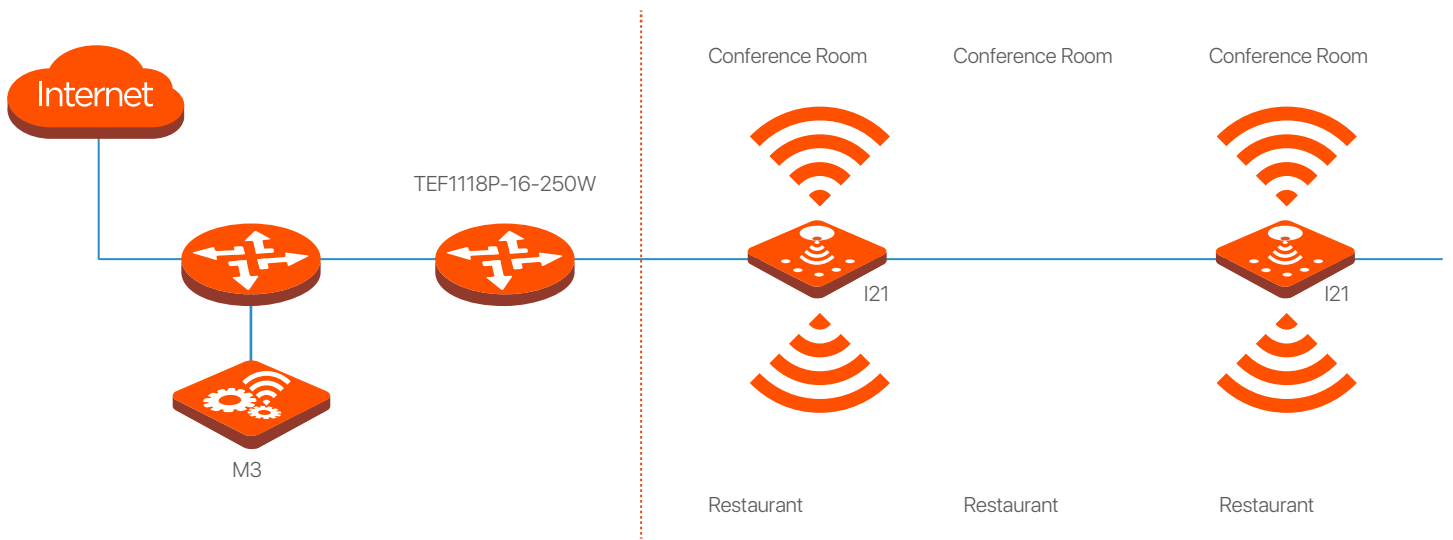
The switch features 16 IEEE 802.3at/af-compliant RJ45 ports. The entire switch offers a maximum PoE power output of 230 W, and 30 W for a single port, to supply power to and data transmission with 16 PoE-powered devices such as APs and IP cameras.



One-Key to switch 4 modes

It supports 5 working modes, including standard, priority, extend and VLAN modes. The hardware DIP mode switch makes networking straightforward and effortless.

Application



Product specifications

Product Model	TEF1118P-16-250W
Specifications	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at
LEDs indicator	16 * Link/Act LEDs 1 * G1 LED 1 * G2/SFP2 LED 1 * PoE-MAX LED 1 * Power LED
Interfaces	16 * 10/100 Mbps Base-TX RJ45 ports (Data/Power) 2 * 10/100/1000 Mbps Base-T RJ45 ports (Data) 1 * 10/100/1000 Mbps Base-X SFP port (Combo)
Forwarding Rates	5.36 Mpps
Switching capacity	7.2 Gbps
MAC Address Table	4K
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	<p>Standard: Default mode of the switch. In this mode, it works as an unmanaged switch; all ports can communicate with each other separately.</p> <p>Priority: In this mode, port G1 and G2/SFP2 serve as uplink ports, ports 1 – 8 serve as high priority port. All ports can communicate with each other separately.</p> <p>Extend: In this mode, data rate of ports 9 - 16 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.</p> <p>VLAN: In this mode, ports 1 - 16 of the switch can communicate with port G1, G2/SFP2 separately, but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.</p>
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	CCC、FCC、CE、RoHS

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

Tenda Technology Bldg.Int' IE-City,
#1001 Zhong Shan Yuan Rd.,Nanshan District,Shenzhen China.

E-mail: support@tenda.com.cn

Tel:+86-755-2765 7098

Fax:+86-755-2765 7178

PC:518055

