

**Tenda**

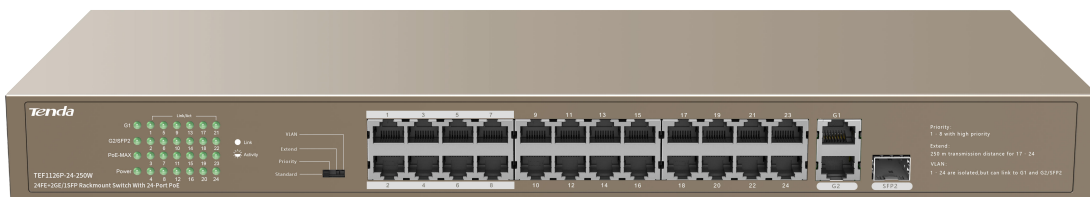


All for better networking.

# TEF1126P-24-250W

24FE+2GE/1SFP Rackmount Switch With 24-Port PoE

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# TEF1126P-24-250W

24FE+2GE/1SFP Rackmount Switch With 24-Port PoE

## Products Description

TEF1126P-24-250W 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 230 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.
- 24 \* 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 \* 1000 Mbps Base-X combo SFP slot.
- 16 K MAC address table and MAC address auto-learning.
- IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
- 8.8 Gbps backplane bandwidth.
- Maximum power consumption of a single port: 30W; Maximum power consumption of the switch: 250W.
- 4 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 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

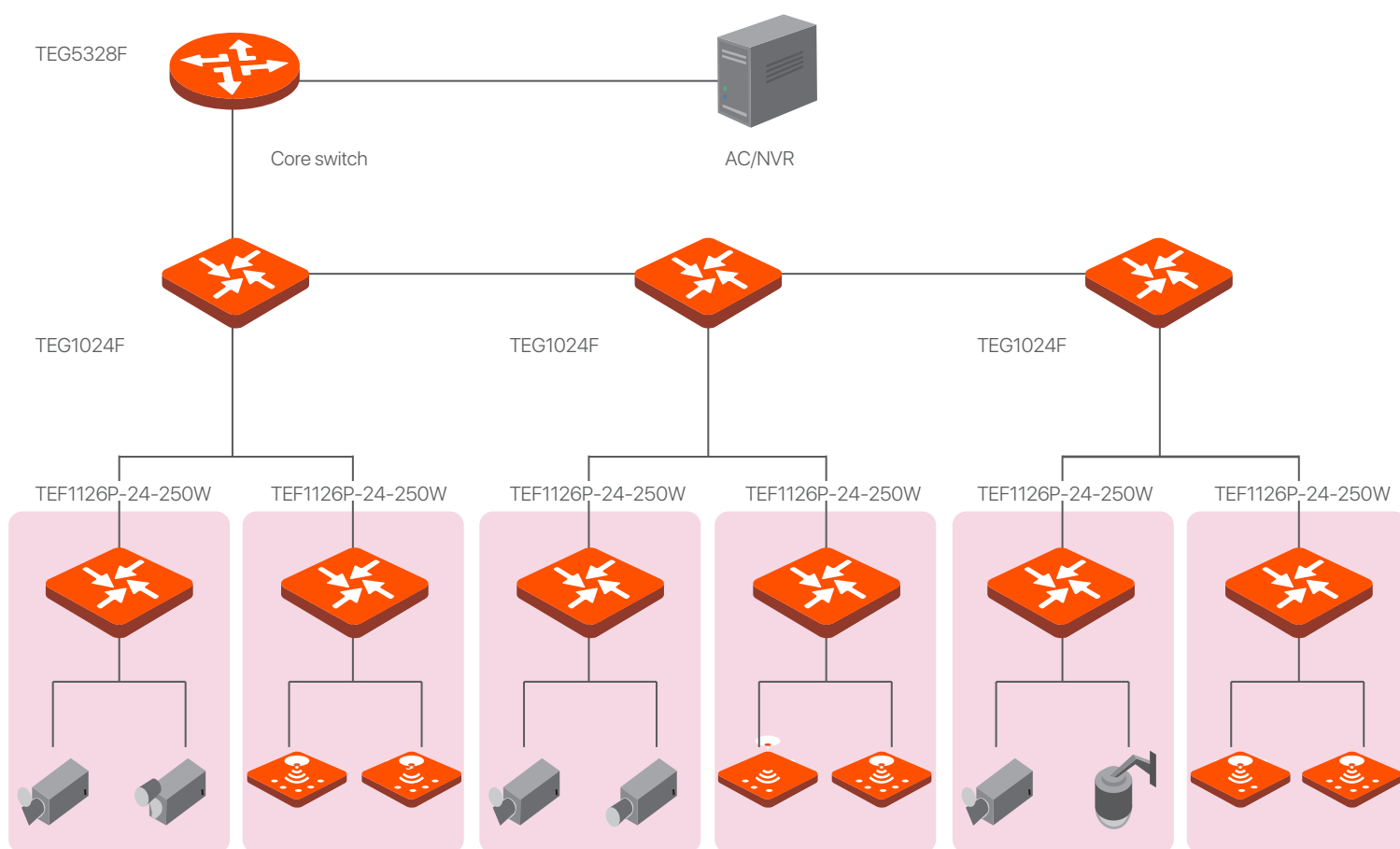
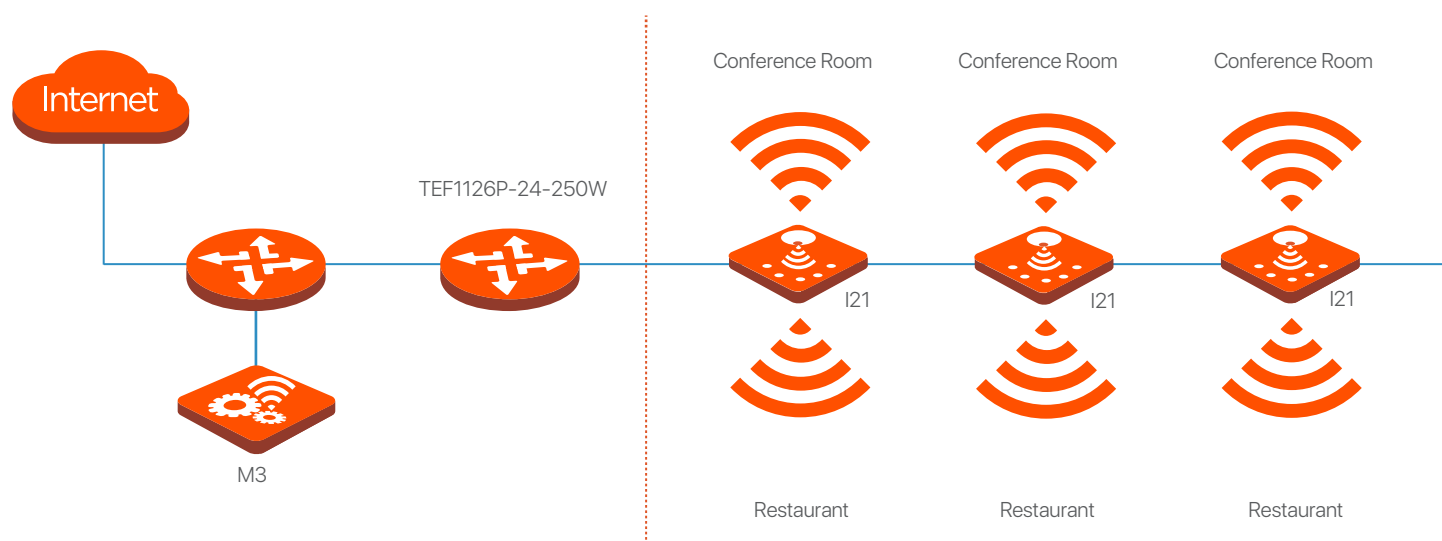
The switch features 24 IEEE 802.3at/af-compliant RJ45 ports. The entire switch offers a maximum PoE power output of 230 W, and 30 W for a single port, to supply power to and data transmission with 24 PoE-powered devices such as APs and IP cameras.



### 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        | TEF1126P-24-250WV2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Standards            | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEDs indicator       | 24 * Link/Act LEDs<br>1 * G1 LED<br>1 * G2/SFP2 LED<br>1 * PoE-MAX LED<br>1 * Power LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Interfaces           | 24 * 10/100 Mbps Base-TX RJ45 ports (Data/Power)<br>2 * 10/100/1000 Mbps Base-T RJ45 ports (Data)<br>1 * 1000 Mbps Base-X SFP port (Combo)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Forwarding Rates     | 6.55 Mpps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Switching capacity   | 8.8 Gbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MAC Address Table    | 16K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Lightning protection | ≥6KV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Input voltage        | AC: 100-240V~50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PoE supply           | Ports 1-24 support standard IEEE802.3af/at<br>30W output per PoE port<br>230W output of the total PoE Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power consumption    | 250W output the whole device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimensions           | 440*178.8*44mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Four Modes           | <b>Standard:</b> Default mode of the switch. In this mode, it works as an unmanaged switch; all ports can communicate with each other separately.<br><b>Priority:</b> 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.<br><b>Extend:</b> In this mode, data rate of ports 17 - 24 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.<br><b>VLAN:</b> In this mode, ports 1 - 24 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. |
| Environment          | Operating Temperature: 0°C~45°C (32°F~113°F)<br>Storage Temperature: -40°C~70°C (-40°F~158°F)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Certifications       | CCC、FCC、CE、RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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