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**TEG1126P-24-410W**

24GE+2SFP Ethernet Switch With 24-Port PoE

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# TEG1126P-24-410W

## 24GE+2SFP Ethernet Switch With 24-Port PoE

### Products Description

TEG1126P-24-410W 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 370 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

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- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x and IEEE802.3af/at standards.
- 24 \* 100/1000 Mbps Base-T RJ45 ports for data transmission and power supply, 2 \* 1000 Mbps Base-X SFP slots.
- 8K MAC address table and MAC address auto-learning.
- IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
- 48Gbps backplane bandwidth.
- Maximum power consumption of a single port: 30W; Maximum power consumption of the switch: 410W.
- 4 modes: standard, priority, extend and VLAN.

## Product Features

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



### 370W PoE power supply

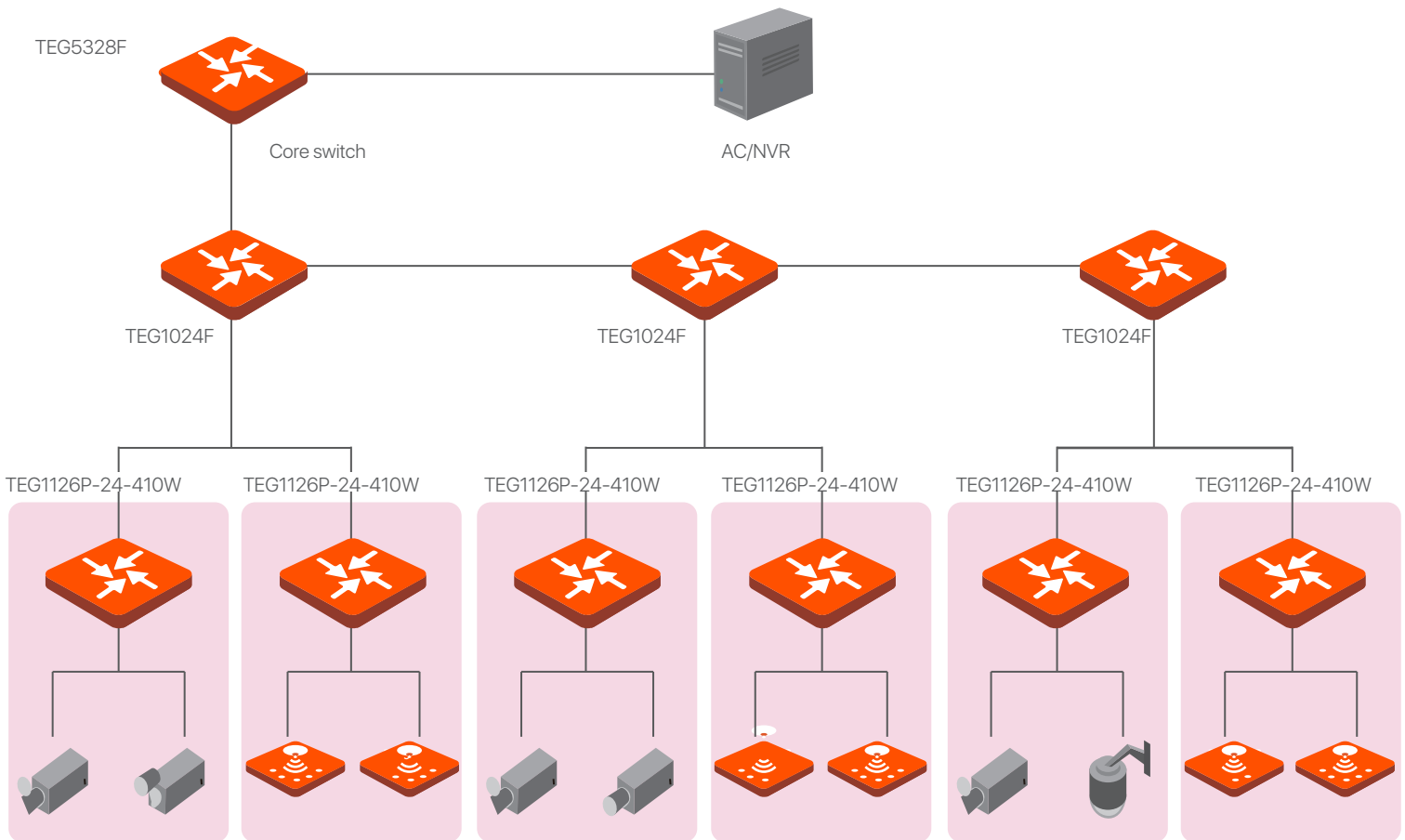
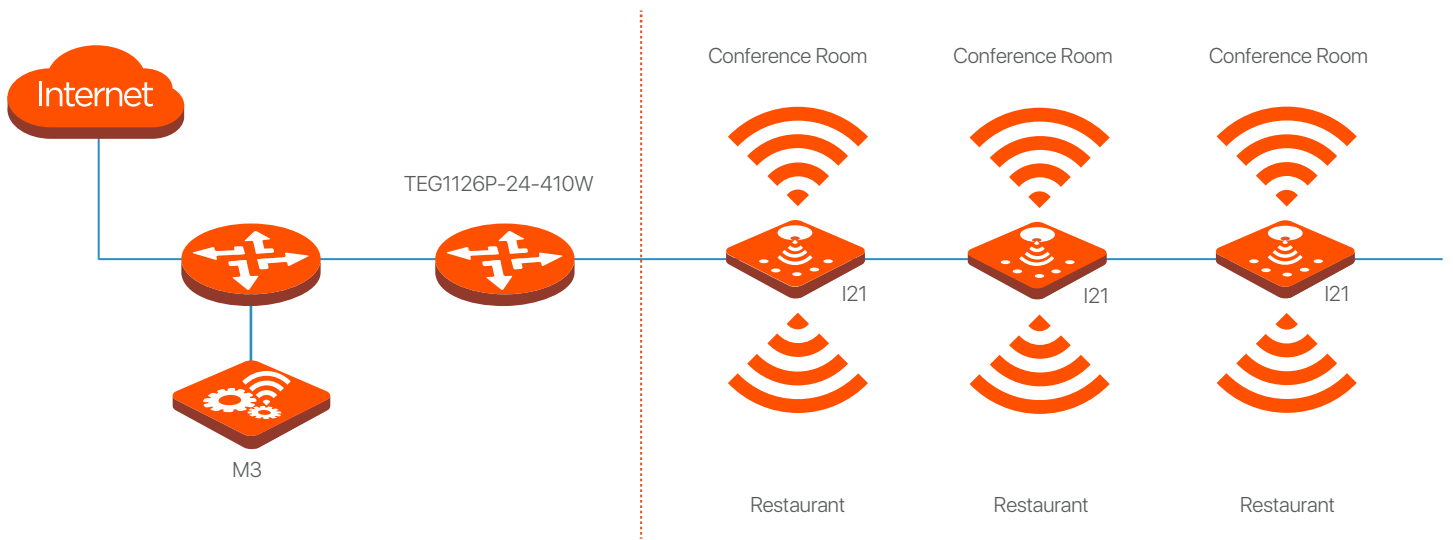
The switch features 24 IEEE 802.3at/af-compliant RJ45 ports. The entire switch offers a maximum PoE power output of 370 W, and 30 W for a single port, to supply power to and data transmission with 24 PoE-powered devices such as APs and IP cameras.



### 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	TEG1126P-24-410W
Specifications	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at
LEDs indicator	24 * Link/Act LED 2 *SFP LED 1 * PoE-MAX LED 1 * Power LED
Interfaces	24 * 100/1000 Mbps Base-T RJ45 ports (Data/ Power) 2 * 1000 Mbps Base-X SFP Port(Combo)
Forwarding Rates	35.7Mpps
Switching capacity	48 Gbps
MAC Address Table	8K
Lightning protection	≥6KV
Input voltage	AC: 100-240V~50/60Hz
PoE supply	Ports 1-24 support standard IEEE802.3af/at 30W output per PoE port 370W output of the total PoE Power
Power consumption	410W output the whole device
Dimensions	440*284*44mm
Four Modes	<p><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.</p> <p><b>Priority:</b> In this mode, port 23,24,SFP and SFP2 serve as uplink ports, ports 1 – 8 serve as high priority port. All ports can communicate with each other separately.</p> <p><b>Extend:</b> In this mode, data rate of ports 17 - 22 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.</p> <p><b>VLAN:</b> In this mode, ports 1 - 22 of the switch can communicate with port 23,24,SFP1, 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	FCC、CE、RoHS

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