

**Tenda**



# TEG1128P-24-410W

26GE+2SFP Ethernet Switch With 24-Port PoE

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## Products Description

TEG1128P-24-410W is a gigabit Unmanaged Ethernet PoE switch designed by Tenda. The switch provides 24 gigabit PoE ports, 2 uplink gigabit RJ45 ports and 2 SFP ports. It supports the IEEE 802.3af/at standard and can automatically detect PDs and supply power. The maximum output power of a single port is 30W, and the power of the whole switch is 410W. It supports rack mounting, one-toggle settings, plug and play, and simple networking. It is an ideal choice for SMBs, hotels, schools, and parks 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, IEEE802.3af/at
- 24 \* 10/100/1000 Base-T Ethernet ports (Data/Power), 2 \* 10/100/1000 Base-T Ethernet ports (Data), and 2 \* 100/1000 Base-X SFP optical ports
- 8K MAC address and MAC address automatic learning
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control
- 56 Gbps non-blocking wire-speed forwarding backplane bandwidth
- The maximum output power of the PoE port is 30 W. The maximum output power of the switch PoE port is 370W.
- 4 Mb large buffer design
- Standard 1U height, rack mounted switch

## Main Features

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### Four-Mode Toggle

Support four modes of Standard, Priority, Extend and VLAN.



### Rack Design

With standard 19-inch metal body design, support rack and wall mounting.



### Intelligent PoE Power Supply

It provides 24 gigabit PoE ports that comply with IEEE802.3af/at standards, the power of the whole switch is 410W, and the maximum output power of a single port is 30W, which can provide stable power supply and data transmission for high-definition PoE cameras and APs.



### RJ45&SFP Uplink

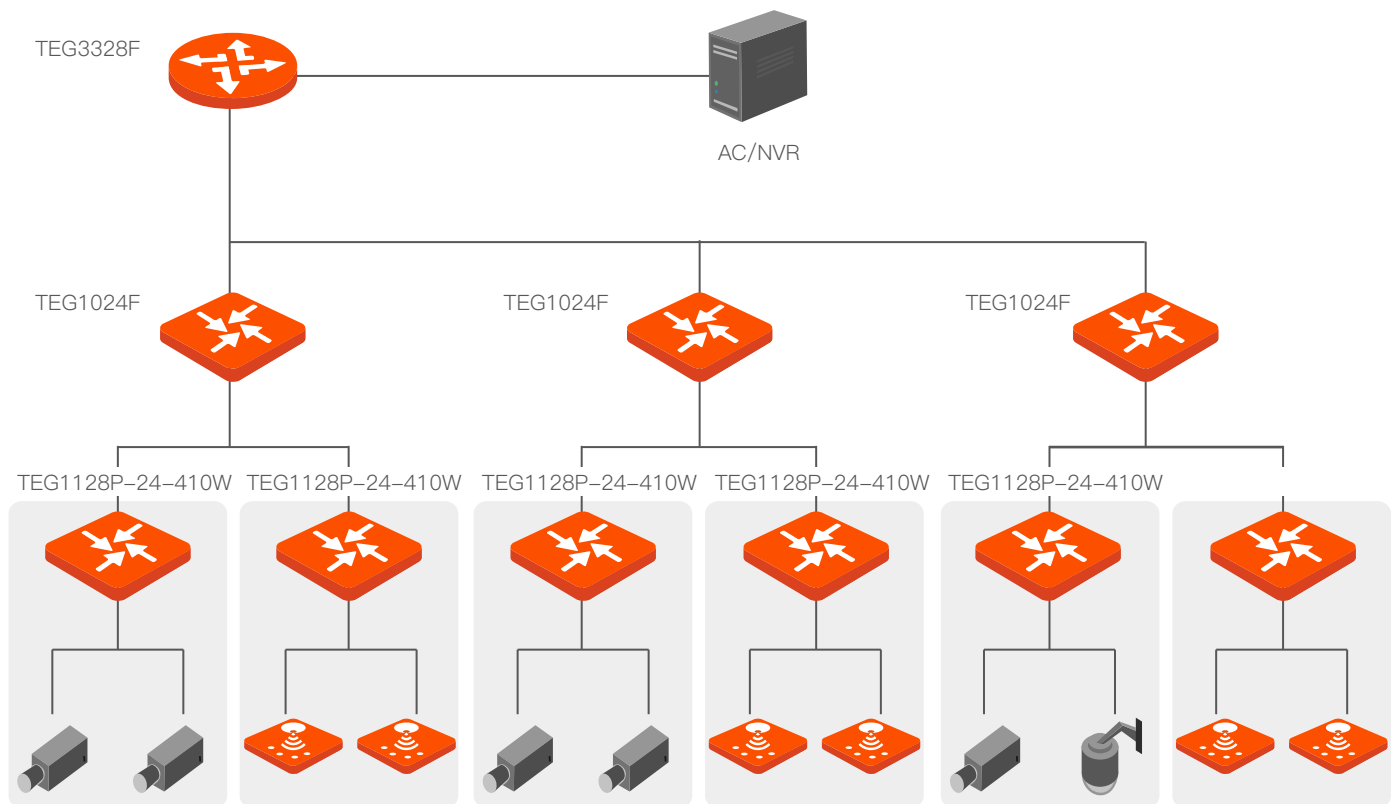
There are two independent uplink RJ45&SFP ports, which meet the requirements of both security and network scenarios.

# Specifications

|                                |   |
|--------------------------------|---|
| Model                          | TEG1128P-24-410W  |
| <b>Hardware Specifications</b> |   |
| Network Standards              | IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3x、IEEE 802.3z、IEEE 802.3af、IEEE 802.3at   |
| MTBF                           | ≥50,000 hours   |
| LED Indicators                 | One Link/Act LED indicator for each port<br>One PoE Max LED indicator for each port<br>One Power LED indicator for each device      |
| Ports                          | 24 * 10/100/1000 Base-T Ethernet ports (Data/Power)<br>2 * 10/100/1000 Base-T Ethernet ports (Data)<br>2 * 100/1000Base-X SFP ports |
| Lightning Protection           | ≥6KV  |
| Switching Mode                 | Store-and-forward   |
| Switching Capacity             | 56 Gbps   |
| Forwarding Rate                | 41.7 Mpps   |
| MAC Address Table              | 8K  |
| Buffer                         | 4M  |
| PoE Power Supply               | 1-24 ports support 802.3af/at standard PoE power supply<br>1, 2 is +, 3, 6 is -   |
| Input Voltage                  | AC: 100-240V 50/60Hz  |
| Dimensions (L × W × H)         | 440*240*44 mm   |
| Power Consumption              | Switch power consumption: <410W<br>PoE maximum output power: 370W   |

|                                       |  |
|---------------------------------------|--|
| <p>Environment</p>                    | <p>Operating temperature: 0°C – 45°C<br/>                 Storage temperature: –40°C – 70°C<br/>                 Operating humidity: (10% – 90%)RH, non-condensing<br/>                 Storage humidity: (5% – 90%)RH, non-condensing</p>   |
| <p><b>Software Specifications</b></p> |  |
| <p>Four-mode toggle</p>               | <p>Standard: All ports can communicate with each other. It can be used as a common non-management PoE switch.<br/>                 Priority: Ports 1 to 8 are high-priority ports, which greatly reduce packet loss and congestion when the network is congested.<br/>                 Extend: The maximum transmission distance of the 17–24 ports of the switch can reach 250 meters, and all ports can communicate with each other.<br/>                 VLAN: Ports 1 to 24 cannot communicate with each other, but can communicate with ports 25, 26, SFP1 (27), and SFP2 (28), which can be used to isolate broadcast storms and DHCP conflicts.</p> |
| <p>Certificates</p>                   | <p>FCC、CE、RoHS</p>   |

## Relevant Info



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