

*Tenda*



# TEG1120P-16-150W

18GE+2SFP Ethernet Switch With 16-Port PoE

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## Products Description

TEG1120P-16-150W is a gigabit Unmanaged Ethernet PoE switch designed by Tenda. The switch provides 16 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 150W. 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
- 16\* 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
- 40 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 135W.
- 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 16 gigabit PoE ports that comply with IEEE802.3af/at standards, the power of the whole switch is 250W, 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

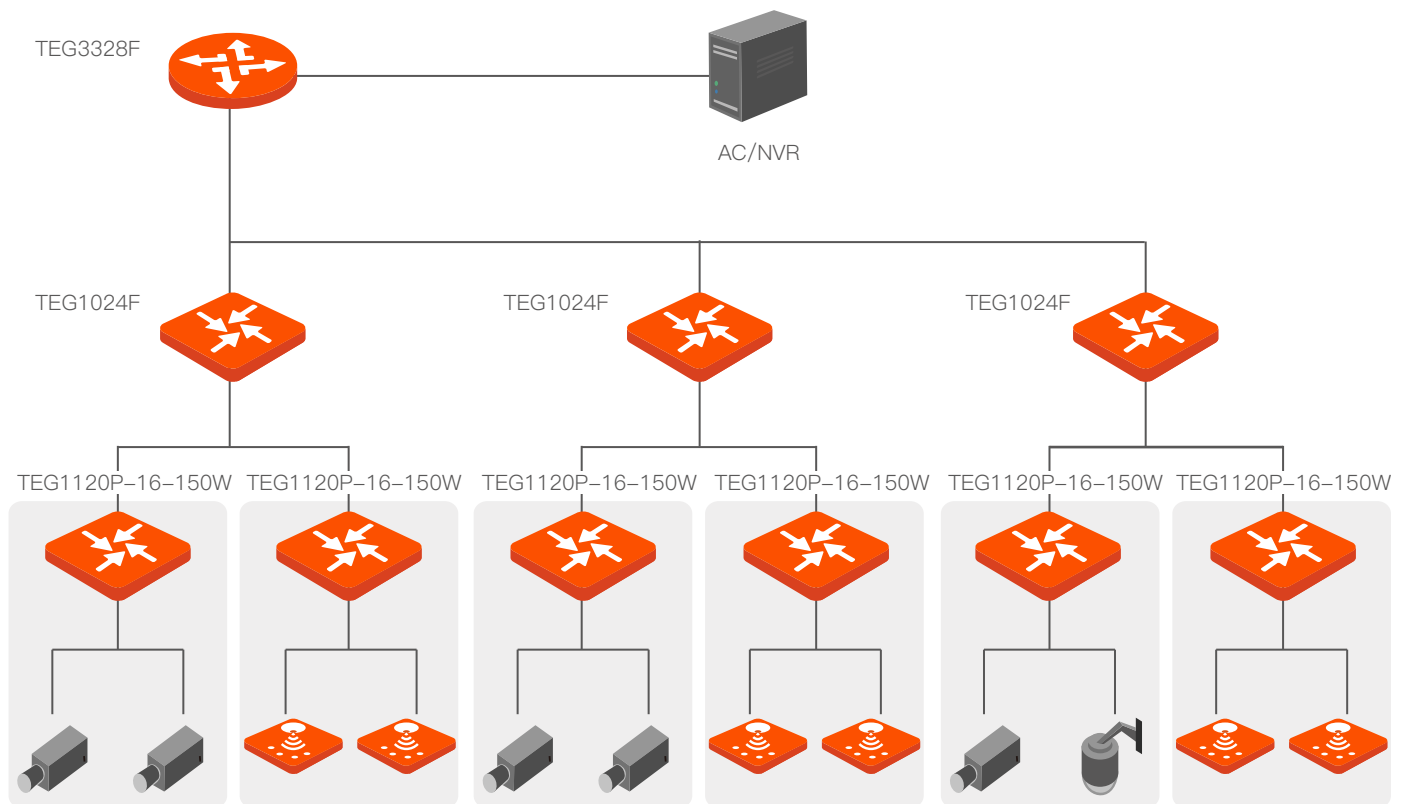
There are two independent uplink RJ45&SFP ports, which meet the requirements of both security and network scenarios.

# Specifications

Model	TEG1120P-16-150W
<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 One PoE Max LED indicator for each port One Power LED indicator for each device
Ports	16 * 10/100/1000 Base-T Ethernet ports (Data/Power) 2 * 10/100/1000 Base-T Ethernet ports (Data) 2 * 100/1000Base-X SFP ports
Lightning Protection	≥6KV
Switching Mode	Store-and-forward
Switching Capacity	40Gbps
Forwarding Rate	29.8Mpps
MAC Address Table	8K
Buffer	4M
PoE Power Supply	1-16 ports support 802.3af/at standard PoE power supply 1, 2 is +, 3, 6 is -
Input Voltage	AC: 100-240V 50/60Hz
Dimensions (L × W × H)	440*178.8*44 mm
Power Consumption	Switch power consumption: <150W PoE maximum output power: 135W

Environment	Operating temperature: 0°C – 45°C Storage temperature: –40°C – 70°C Operating humidity: (10% – 90%)RH, non-condensing Storage humidity: (5% – 90%)RH, non-condensing
<b>Software Specifications</b>	
Four-mode toggle	Standard: All ports can communicate with each other. It can be used as a common non-management PoE switch. Priority: Ports 1 to 8 are high-priority ports, which greatly reduce packet loss and congestion when the network is congested. Extend: The maximum transmission distance of the 9–16 ports of the switch can reach 250 meters, and all ports can communicate with each other. VLAN: Ports 1 to 16 cannot communicate with each other, but can communicate with ports 17, 18, SFP1 (19), and SFP2 (20), which can be used to isolate broadcast storms and DHCP conflicts.
Certificates	FCC、CE、RoHS

## Relevant Info



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