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

- 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

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.
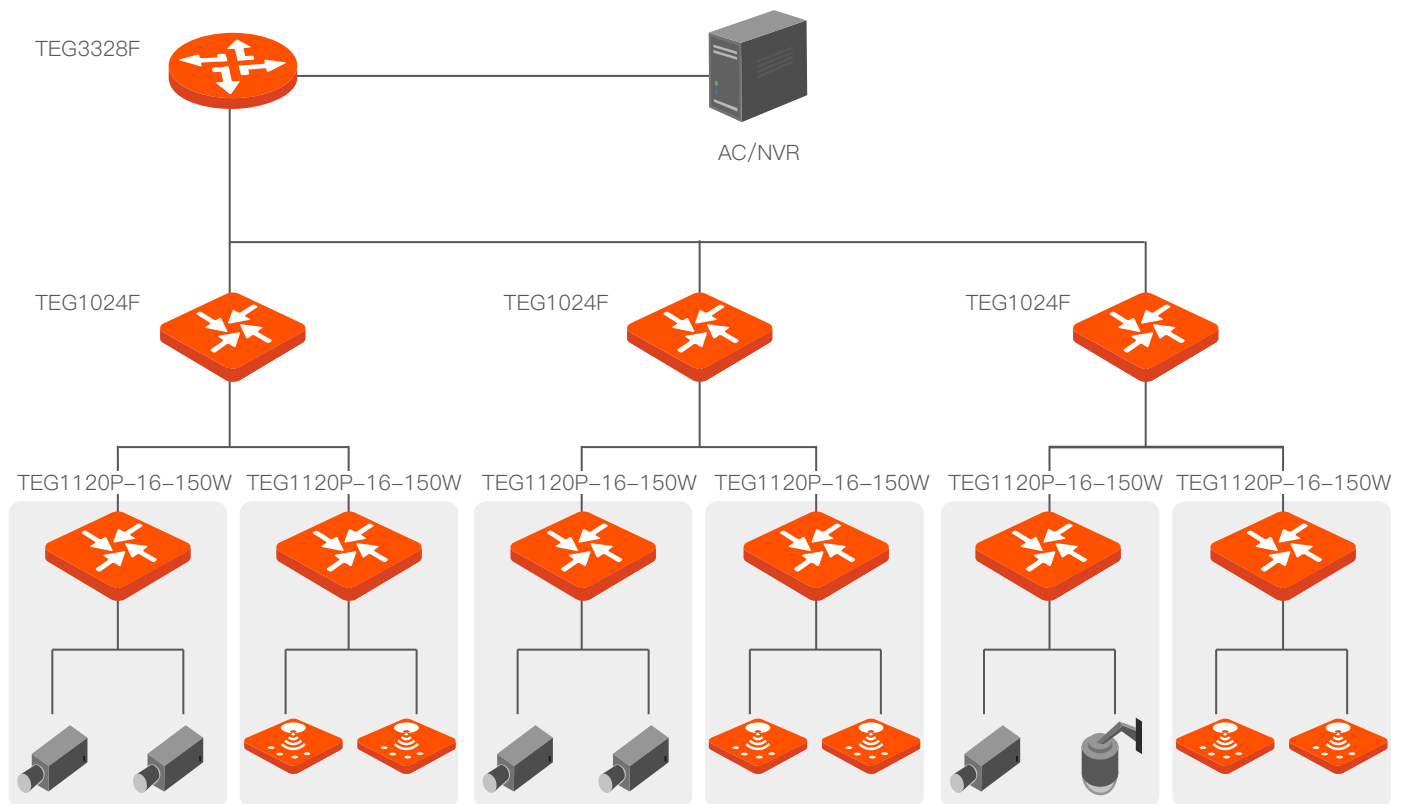
RJ45&SFP Uplink

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

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Specifications

Model	TEG1120P–16–150W
Hardware Specifications	
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
Software Specifications	
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

TEG3328F

AC/NVR

TEG1024F TEG1024F TEG1024F

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