Tenda

All for better networking.

TEG1116P-16-150W

16-Port Gigabit Desktop/Rackmount Switch
With 16-Port PoE

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Products Description

TEG1116P-16-150W is a Tenda PoE switch that offers 16 10/100/1000 Mbps Base-TX RJ45 ports. Ports 1-16 comply with the IEEE 802.3af standard (maximum PoE power output: 15.4 W) and 802.3at standard (maximum PoE power output: 30 W). The switch offers a maximum PoE power output of 135 W and can supply power to and exchange data with APs, IP cameras, and IP phones through CAT5 cables. It also provides simple management modes such as CCTV, VLAN, and Isolation to help reduce cabling costs of IP terminals like APs and IP cameras.

Key Feature

* 16*10/100/1000 Mbps Base-TX RJ45 ports
* Ports 1-16: IEEE 802.3af/at PoE ports
* maximum power output of the switch: 135W
* 13-inch desktop size, 1U height, rack mountable
* Hardware DIP switch for selection among the Standard, CCTV, VLAN, and Isolation modes.
* Hardware DIP switch to VLAN ports to prevent broadcast storm and defend against DHCP spoofing.

Mark

135W PoE power supply

Ports 1-16 comply with the IEEE802.3af and IEEE802.3at power supply standards. The entire switch offers a maximum PoE power output of 135 W, whereas each port offers a maximum PoE power output of 30 W. The ports can be used to supply power to and exchange data with APs and IP cameras.
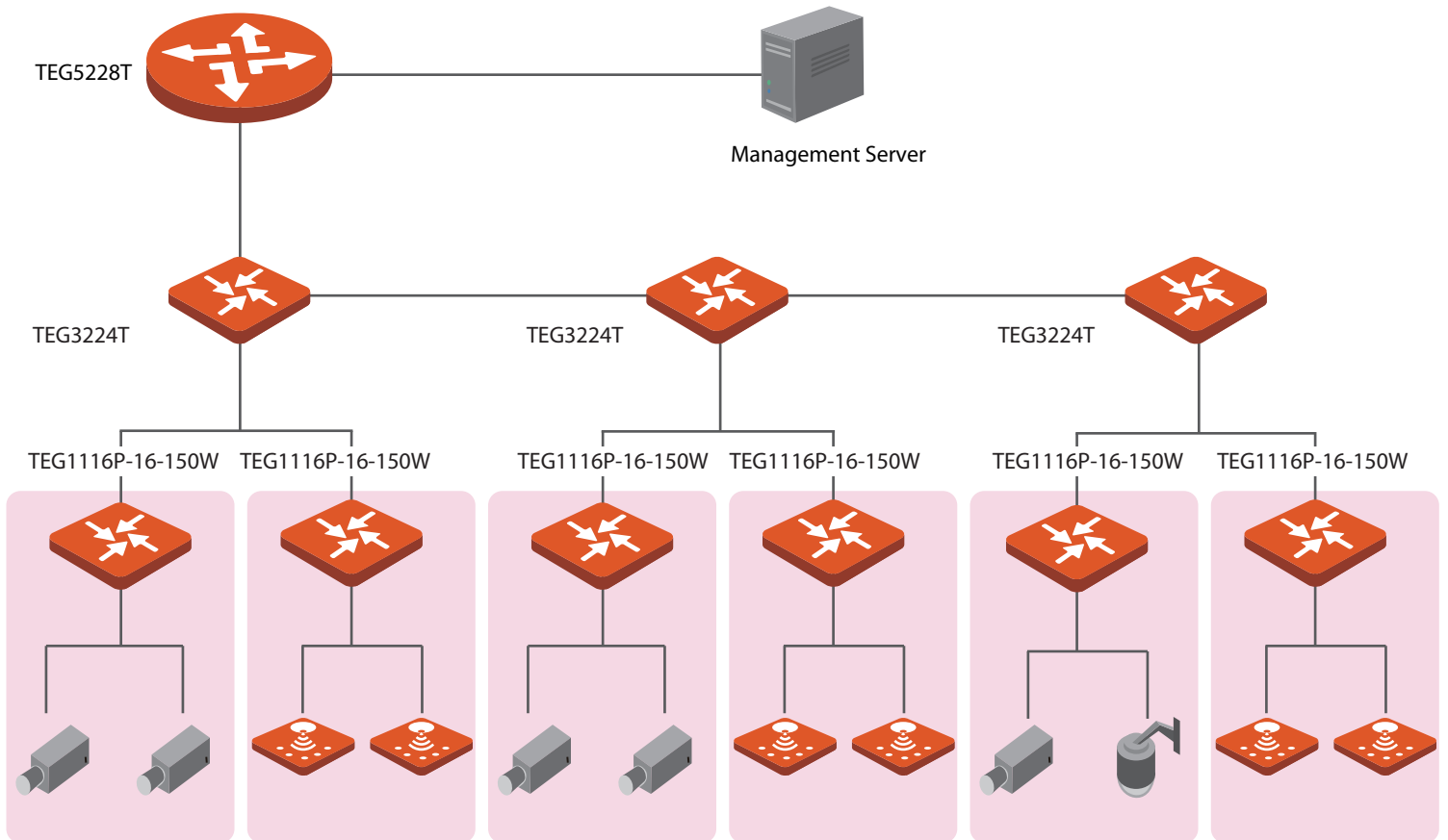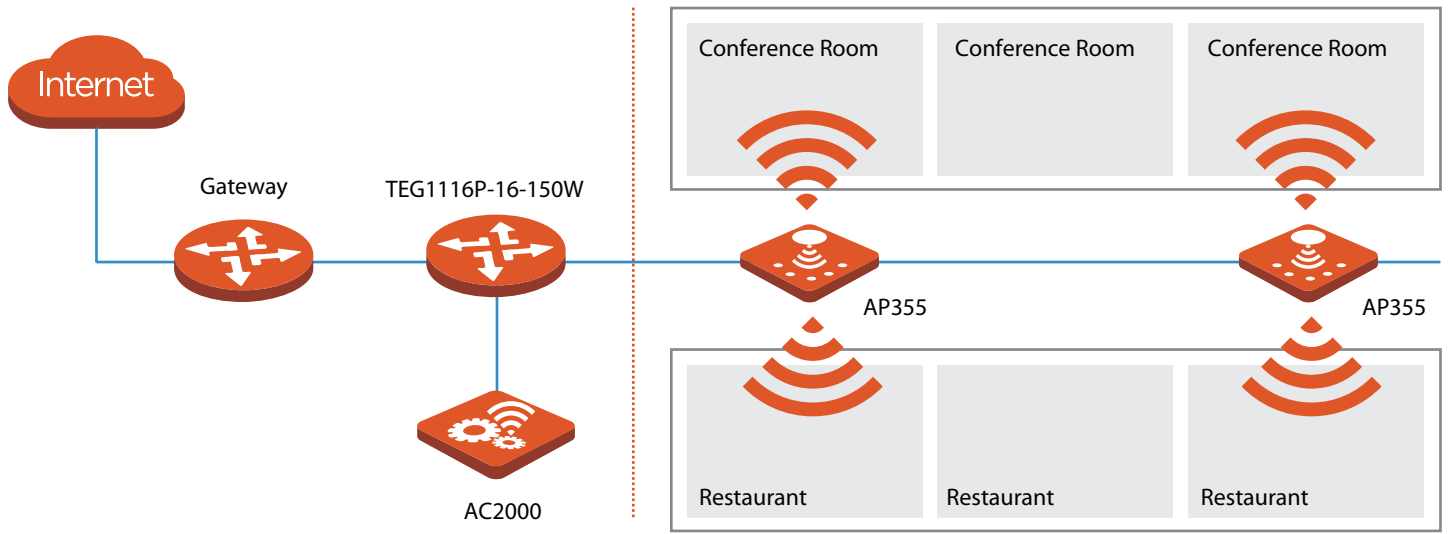
6KV lightning protection

Integrated with a professional circuit that offers 6 kV lightning and surge protection for the entire device, ensuring proper operation of the device even in severe weather conditions such as thunderstorm and lightning.

4 Network operation modes offered

Hardware DIP switch for selection among the Standard, CCTV, VLAN, and Isolation modes. Hardware DIP switch to isolate ports to prevent broadcast storm and defend against DHCP spoofing.

Application

Technical Specifications

Hardware Features	
Product Model	TEG1116P-16-150W v1.0
Standard&Protocol	IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x/ IEEE 802.3af/IEEE 802.3at
Indicator	16*Link/Act per device 16*PoE per device 1*Power per device
Interface	16 10/100/1000Base-T ports(Data/Power)
Port Lightning Protection	6KV
Store and forward	Yes
Exchange Capacity	32 Gbps
Packet forwarding rate	23.6Mpps
MAC Address Table	8K
PoE supply management	Port 1-16 support IEEE802.3at/af PoE standard
PoE through pin	1 2 4 5 +;3 6 7 8 -
Voltage input range	AC100-240V～50/60Hz
Dimensions (W x D x H)	294*178*44mm
Power Consumption	in full configuration:<150W PoE Max Power Supply:135W
Port Features	Standard: the switch functions as a common unmanaged switch and all the ports of the switch can communicate with each other. CCTV: the port cache is optimized and PoE ports 1-8 have higher priorities over the other ports. All the ports of the switch can communicate with each other. VLAN: ports 1 to 14 are isolated from each other, but can communicate with ports 15 and 16 (uplink ports) respectively. Isolation: ports 1 to 8 and Ports 9 to 16 belong to two different VLAN.This mode can be used to isolate supervision network and wireless network to make them not interfere with each other.
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40℃~70℃ (-40℉~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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