

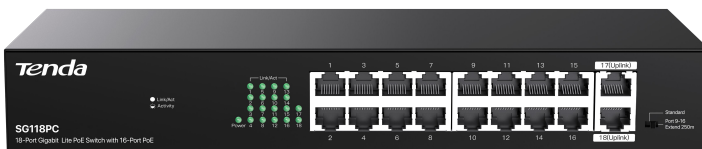
Tenda



SG118PC

18-Port Gigabit Lite PoE Switch with 16-Port PoE

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SG118PC

18-Port Gigabit Lite PoE Switch with 16-Port PoE

Products Description

The SG118PC is a 18-port Gigabit non-managed PoE switch independently designed by Tenda. It supports AF/AT standard PoE power delivery and intelligently identifies powered devices. Ports 1-16 offer a maximum output of 30W each, with the entire unit delivering 150W. Featuring PoE watchdog, smart power control, and network extension functions, this switch is specifically tailored for surveillance networking needs, making it an ideal choice for small businesses, convenience stores, and street-side restaurants for video surveillance network solutions.

Key Feature

- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x standards.
- 16*10/100/1000 Base-T Ethernet ports (Data/Power), 2*10/100/1000 Base-T Ethernet ports (Data).
- 4K MAC address and MAC address auto learning.
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control.
- 36Gbps non-blocking wire-speed forwarding backplane bandwidth.
- The maximum output power of a single PoE port: 30 W, the maximum output power of PoE of the whole machine: 140 W.
- Standard sharing, Extend.
- Support multiple installation methods such as Rackmounted and wall-mounted, plug and play.

Main Features



Standard&Extend

Supports two modes of standard sharing and Extend, flexible and changeable, can adapt to complex networking environments, and save networking costs.



4KV lightning protection

Provide 4KV high-level lightning protection. PoE supports short-circuit and overload protection; power supply supports over-temperature protection and over-voltage protection.



Dual port Gigabit uplink

Provide 2 10/100M/1000M uplink ports, which can be connected to NVR and router at the same time, local monitoring and cloud monitoring at the same time.



QoS priority

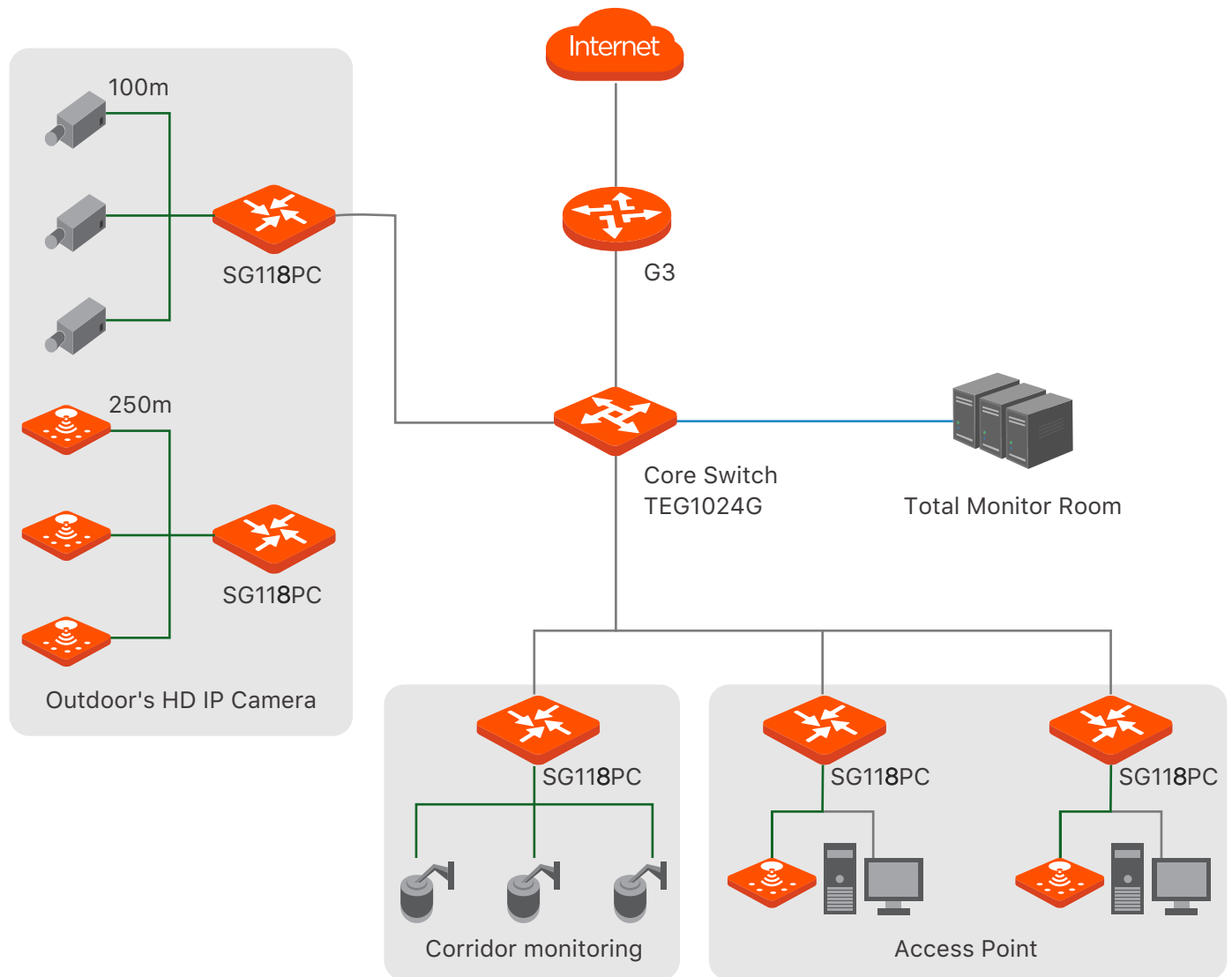
Device 1-2 ports support QoS priority, when network congestion occurs, priority can be given to ensure stable and smooth transmission of important monitoring images.

Technical Specifications

Specifications	
Product Model	SG118PC
Standards&Protocols	IEEE 802.3、 IEEE 802.3u、 IEEE 802.3ab、 IEEE 802.3x
Indicators	18*Link/Act per device , Power 1*Power per device
Interfaces	16*10/100/1000Mbps RJ45 Ports(Data/PoE) 2*10/100/1000Mbps RJ45 Ports(Data) (Auto Negotiation/Auto MDI/MDIX)
Forwarding mode	Store-forward
Switching	36Gbps
Throughput	26.8Mpps
Mac Address Table	4K
PoE Supply	1-16 ports compatible with 802.3af/at standard PoE power supply 1 2 positive, 3 6 negative
Power consumption	In full configuration: <150W PoE Power Supply : <140W
Input Voltage	AC: 190—240V ~ 50/60Hz DC: 53.5V /2.8A (Power Adapter Output)
Dimensions (W×D×H)	294*120*44mm
Environment	Operating Temperature: 0℃ - 45℃ Storage Temperature: -40℃ - 70℃ Operating Humidity: 10% - 90% RH, non-condensing Storage Humidity: 5% - 90% RH, non-condensing

Typical Application

- PoE Power Cable
- Gigabit Ethernet



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