

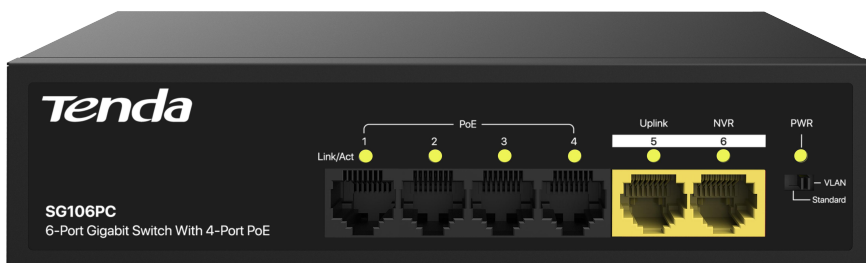
Tenda



SG106PC

6-Port Gigabit Lite PoE Switch with 4-Port PoE

Link
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SG106PC

6-Port Gigabit Lite PoE Switch with 4-Port PoE

Products Description

SG106PC is a gigabit dual-port uplink unmanaged PoE switch independently designed by Tenda. Compatible with AF/AT standard PoE power supply mode, intelligent identification of powered devices prepare. The maximum output of a single port is 30W, and the whole machine is 55W. Supports functions such as one-key VLAN, QoS priority, etc., and is designed for outdoor, indoor and other small-scale monitoring networking needs. It is an ideal choice for small businesses, convenience stores, and street restaurants for video surveillance networking.

Key Feature

- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x standards.
- 4*10/100/1000 Base-T Ethernet ports (Data/Power), 2*10/100/1000 Base-T Ethernet ports (Data).
- 2K MAC address and MAC address auto learning.
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control.
- 12 Gbps 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: 50 W.
- Support multiple installation methods such as desktop and wall-mounted, plug and play.
- Desktop and wall-mounted design, plug and play.

Main Features



Standard&VLAN

Supports two modes of standard sharing and VLAN isolation, 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

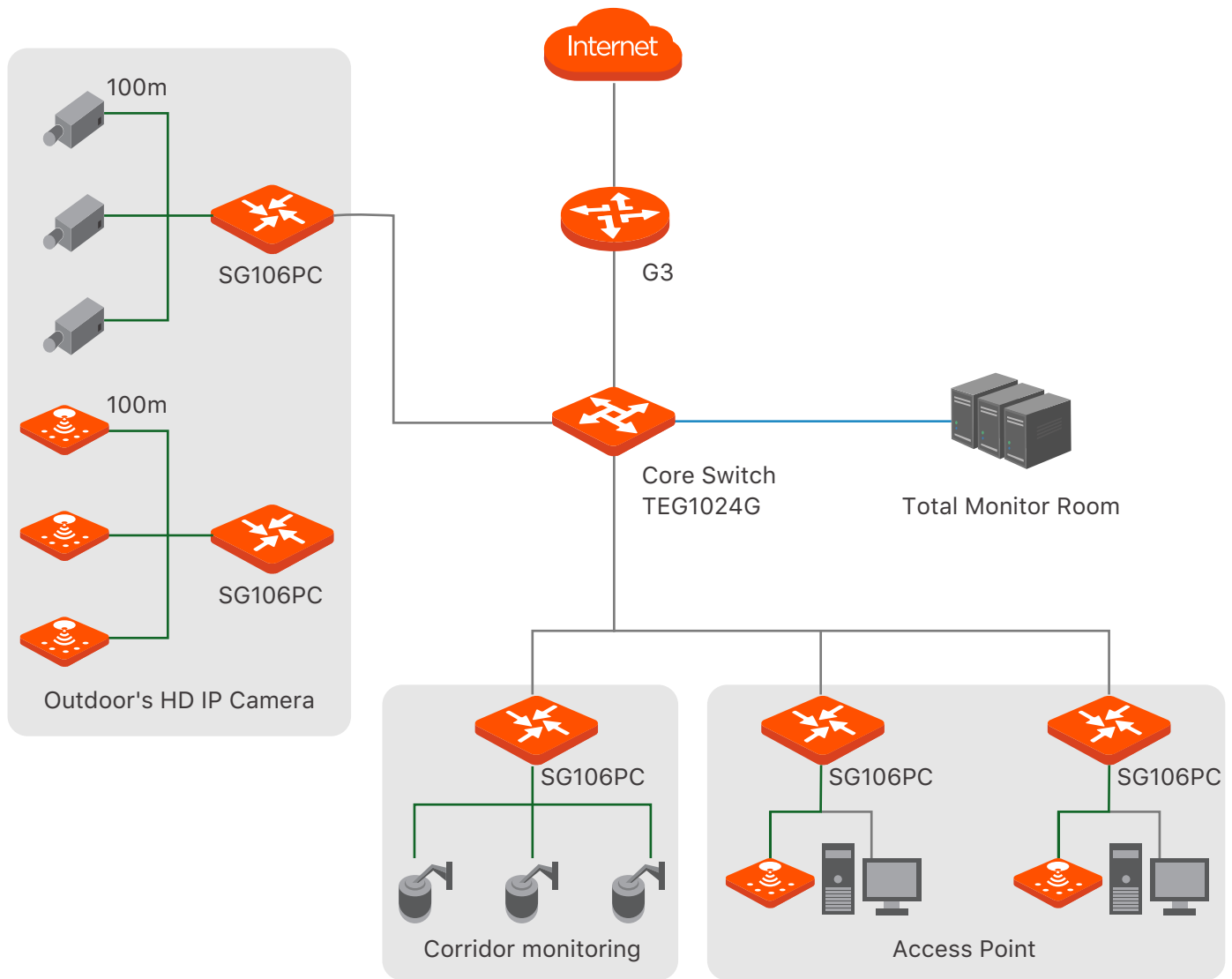
Device 1-2 ports support QoS priority, when network congestion occurs, priority can be given to ensure stable and smooth transmission of important monitoring images.

Technical Specifications

Specifications	
Product Model	SG106PC
Standards&Protocols	IEEE 802.3、 IEEE 802.3u、 IEEE 802.3ab、 IEEE 802.3x
Indicators	6*Link/Act per device , Power 1*Power per device
Interfaces	8*10/100/1000Mbps RJ45 Ports(Data/PoE) 2*10/100/1000Mbps RJ45 Ports(Data) (Auto Negotiation/Auto MDI/MDIX)
Forwarding mode	Store-forward
Switching	12Gbps
Throughput	8.9Mpps
Mac Address Table	4K
PoE Supply	1-4 ports compatible with 802.3af/at standard PoE power supply 1 2 4 5 positive, 3 6 7 8 negative
Power consumption	In full configuration: <55W PoE Power Supply : <50W
Input Voltage	AC: 190 – 240V ~ 50/60Hz DC: 53.5V /0.85A (Power Adapter Output)
Dimensions (W×D×H)	175*127*43mm
Environment	Operating Temperature: 0°C - 40°C Storage Temperature: -40°C - 70°C 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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