

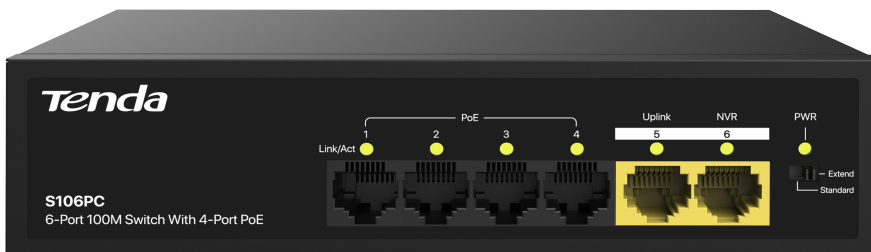
**Tenda**



# S106PC

6-Port 100M Lite PoE Switch with 4-Port PoE

Link  
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# S106PC

6-Port 100M Lite PoE Switch with 4-Port PoE

## Products Description

S106PC is a 100M dual-port uplink unmanaged PoE switch independently designed by Tenda. Compatible with AF/AT standard PoE power supply mode, intelligently identify powered devices. The maximum output of a single port is 30W, and that of the whole machine is 55W. Support 250m network extension, QoS priority and other functions, designed for outdoor, indoor, etc. Small-scale monitoring network needs to be built, it is an ideal choice for small enterprises, convenience stores, and street restaurants video surveillance network.

## Key Feature

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- Comply with IEEE802.3, IEEE802.3u, IEEE802.3X standards.
- 4\*10/100 Base-TX Ethernet ports (Data/Power), 2\*10/100 Base-T Ethernet ports.
- 1K MAC address and MAC address auto learning.
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control.
- 1.2 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: 50W.
- Support 250m network extension, 1-2 ports are high priority ports.
- Desktop and wall-mounted design, plug and play.

## Main Features

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### One-Key VLAN & Network extension

One-key dialing enables extension and VLAN isolation modes. The longest transmission distance can reach 250 meters.



### 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 uplink

Provide 2\*10/100M 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

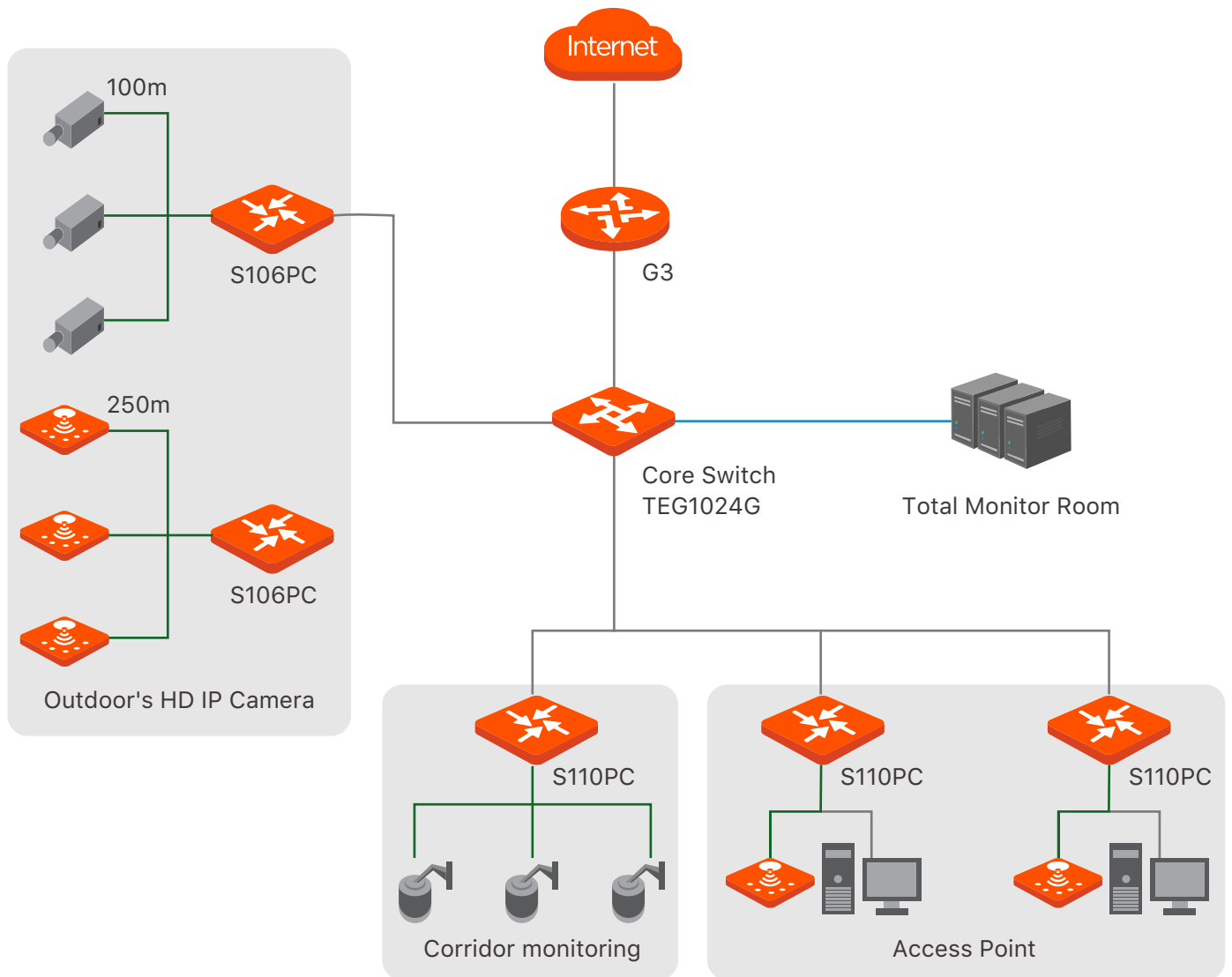
Device 1-2 ports support QoS priority, when network congestion occurs, priority can be given to ensure stable and smooth transmission of important monitoring images.

# Technical Specifications

Specifications	
Product Model	S106PC
Standards&Protocols	IEEE 802.3、 IEEE 802.3u、 IEEE 802.3x
Indicators	6*Link/Act per device , Power 1*Power per device
Interfaces	8*10/100Mbps RJ45 Ports(Data/PoE) 2*10/100Mbps RJ45 Ports(Data) (Auto Negotiation/Auto MDI/MDIX)
Forwarding mode	Store-forward
Switching	1.2Gbps
Throughput	0.89Mpps
Mac Address Table	1K
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: 220V ~ 50/60Hz 0.7A
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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