



All for better networking.

**TEG1109P-8-102W**

9-Port Gigabit Desktop Switch with 8-Port PoE

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## 9-Port Gigabit Desktop Switch with 8-Port PoE

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### Products Description

TEG1109P-8-102W is the gigabit unmanaged lightning protection switch which is Tenda specifically developed for requirement of building Gigabit WLAN and HD camera monitor network. With high-performance access, 9-10/100/1000M Base-T Ethernet RJ45 ports; 6KV lightning-proof for uplink port; every single port support MDI/MDIX and wired speed; PoE ports supports IEEE802.3at/af standard while detecting and recognizing the IEEE802.3at/af standard power device automatically. Through conventional Cat 5e twisted-pair cable, power can be transmitted along with data for AP, IP Camera and IP Phone. With PoE dynamic power, easier configure, flexible extend network without being limited by the power line layout, plug and play, helping SMB, hotel, shopping mall, school to build high-security and reliability network of wireless cover and HD monitor.



- \* 8 10/100M RJ45 ports (Data & power)
- \* 1 10/100M RJ45 port(Data)
- \* Desktop / wall-mount design

## Key Feature

- 8 PoE Ports to power connected devices for flexible network deployment
- Supports IEEE 802.3af/at PoE standard and be compatible with PDs such as APs, IP Cameras or IP Phones, etc.
- Professional lightning protection circuit for uplink port(6KV lightning proof for 9th port).
- 92-watt PoE budget;
- Up to 2000Mbps full duplex bandwidth capability for high speed data processing
- 16K entry MAC address table of the PoE switch with auto-learning and auto-aging
- Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Compact metal case for Wall-mount / Desktop installation
- Support Port VLAN Mode, ports 1 to 8 are isolated from each other but able to communicate with port 9

## Product Features

### GigaBit 2M buffer

#### 9-Port gigabit & large packet buffer

Eight gigabit PoE ports, one gigabit uplink port, and 2Mb built-in packet buffer outstand in comparison, ensuring smooth transmission of large files and HD videos.

### PoE AT/ AF

#### Enhanced Ethernet PoE+ function

1-8 port supports IEEE 802.3af PoE (15.4W) or 802.3at PoE+ (30W) power supply, auto detect and recognize IEEE802.3af PoE device to power, single port PoE power up to 30W; Support port priority power supply and power overload protection, if the total power over PoE budget, system launch priority mechanism to cut off the low priority PD power supply.

### High Performance

#### High-reliability

Integrating professional lightning-proof circuit, supporting the uplink port secondary lightning-proof(6KV for 9th port). To provide enhanced reliability Ethernet technology, enhance robustness and reliability of the user network structure.

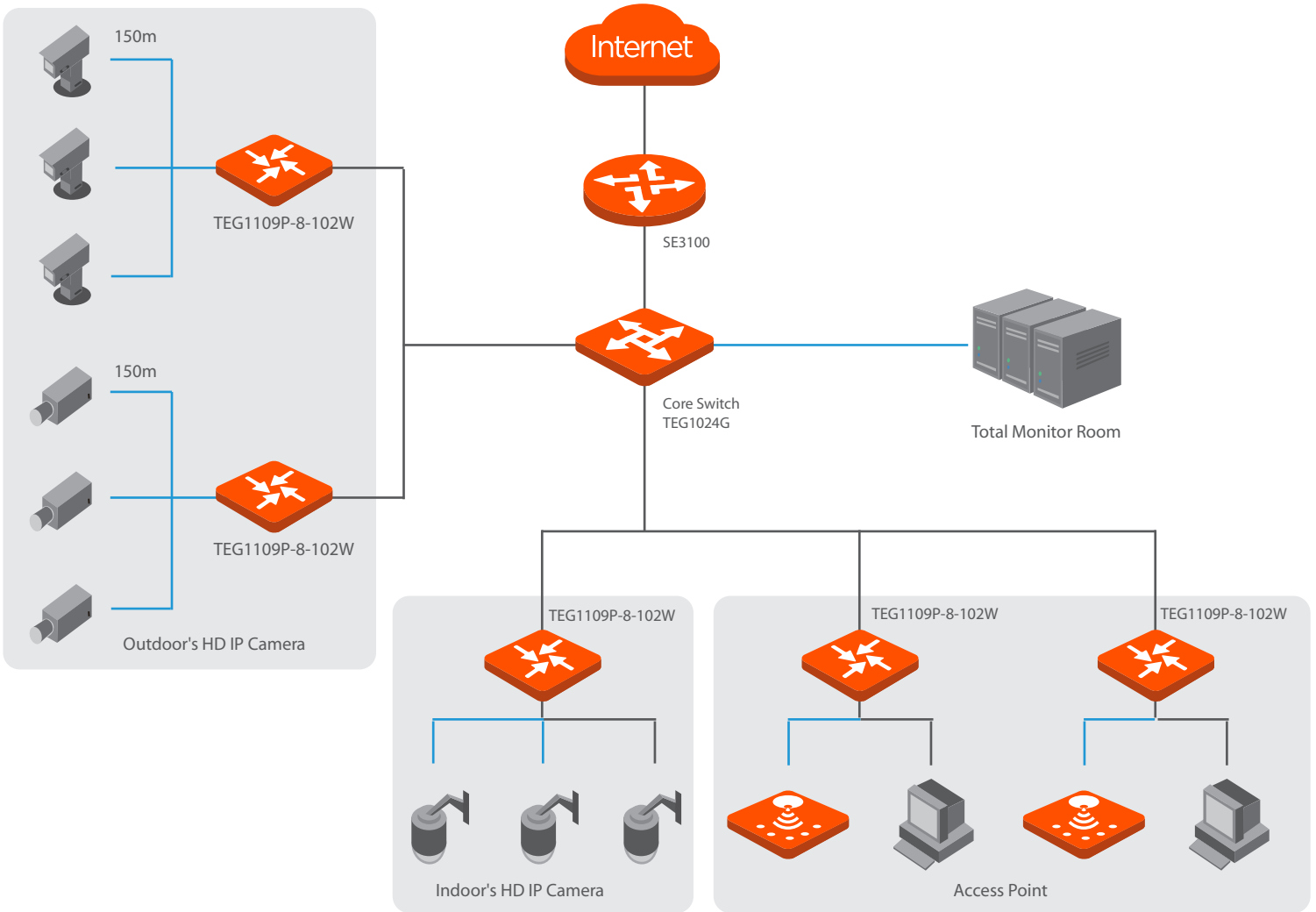
### VLAN

#### Port VLAN Mode

Support Port VLAN Mode, ports 1 to 8 are isolated from each other but able to communicate with port 9. Solid DIP switch to isolate ports to prevent broadcast storm and defend DHCP spoofing.

# Application

— Gigabit Ethernet Cable  
— PoE Power Cable



Hardware Features		
Standards&Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at	
Switching	18 Gbps	
Throughput	1.488Mpps	
Dimensions (W × D × H)	177.5mm*104mm*26mm	
MTBF	50,000 hours(about 5 years)	
Indicators	Link/Act , Power	
Interfaces	8 10/100/1000Mbps RJ45 Ports(Data/PoE) 1 10/100/1000Mbps RJ45 Ports(Data) (Auto Negotiation/Auto MDI/MDIX)	
Capacity	Wire-speed forwarding	Support
	Forwarding mode	Store-forward and cut-through
	Mac Address Table	16K
PoE Supply	Port 1 to Port 8 support standard IEEE802.3at/af power( maximum power for each port is 30W) PoE power type is end-span(12+, 36- line pair)	
Input Voltage	AC: 100 — 240V ~ 50/60Hz DC: 51V /2.0A ( Power Adapter Output )	
Power consumption	in full configuration: <107W PoE Power Supply: <92W	
Environment	Operating Temperature: 0 °C~40 °C (32 °F~104 °F) Storage Temperature: -40 °C~70 °C (-40 °F~158 °F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing	
Certification	FCC, CE, RoHS	

[www.tendacn.com/en/](http://www.tendacn.com/en/)

**SHENZHEN TENDA TECHNOLOGY CO.,LTD.**

Tenda Technology Bldg.Int' IE-City,  
#1001 Zhong Shan Yuan Rd.,Nanshan District,Shenzhen China.

E-mail:[support@tenda.com.cn](mailto:support@tenda.com.cn)  
Tel:+86-755-2765 7098  
Fax:+86-755-2765 7178  
PC:518055

