

# SANSWITCH-G8008-2

## PoE Gigabit Switch

### User Manual



## Product Profile

SANSWITCH-G8008-2 PoE switch supports IEEE802.3af/at standard, the maximum transfer distance up to 100meters, Supply power & data to those devices that support IEEE802.3af/at standard, so the user does not need to worry that the PoE switch would damage the non-PoE devices. And also when the PoE powered device disconnected, the PoE switch will stop providing power. With simple and reliable design, SANSWITCH-G8008-2 can identify the PoE demand, speed, duplex and use the cable type Auto uplink automatically. The Switch mainly used for wireless AP and IP surveillance cameras, it can simplify the wiring of installation and reduce the cost.

## Key features

- 8 10/100/1000Mbps PoE ports, 2 gigabit SFP ports;
  - Support IEEE 802.3af/at standard;
  - Maximum transfer distance is 100meters;
  - Power for wireless AP and IP surveillance over Cat5 cable;
  - Store-and-forward switching method;
  - LED indicators for each port;
  - Bandwidth:20Gbps;
  - Internal 150W power supply;
  - Support L2 web management;
  - Automatically detects the PoE class level of a Powered Device;
  - Support single output automatic protection function and with self-recovery capacity.
  - Plug & Play;
  - Web-based IP address 192.0.2.1 > User name: admin, No password
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- VLAN**: Avoid the internet storm and enhance the network ability,
  - CCTV Extend**: Extend 250M transmission,
  - AI PS**: Automatic self checking, reboot the device while find it fake dead,
  - AI QoS**: Video data first, more fluent transmission.

## Technical Specification

Interface	10/100M/1000Mbps Auto-Negotiation RJ45 ports ( 8 PoE ports )
Transmission Rate	100M/1000Mbps Full-duplex, network interface: 100BASE-T / 1000BASE-TX RJ-45 port
Features	Bandwidth: 16Gbps (Non-blocking) Network delay( 100 to 100M bps ): max. 20 microseconds(64-byte packet size) Buffer Memory: 96KB Address database size: 1,024 MAC Frame Filtering and transmission rate: 10M max for port 14,800pps 100M max for port 148,800pps 1000M max for port 148,800pps
Network Protocol and Standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
L2 web interface	IP address:192.0.2.1 User name: admin No Password
LEDs Indicators	System: power, PoE max power speed, connect,active,PoE error of each port
Power supply	Max power: 150W (for ports 1-8)
Physical Specifications	Dimensions: 280mm *180mm *35 mm Weight: 2.5kg
Environmental	Operating Temperature: 0°~40°C (32°~104°F) Operating Humidity: 10%~ 90%, no-condensing
Certification	CE, FCC, ROHS
Warranty	1 year warranty