

# QUICK START GUIDE

Non-POE switch

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Applicable Model: TD-S1008G

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Touching  
the future

# 8-port full Gigabit Ethernet security switch

## TD-S1008G



### Product description

TD-S1008G series unmanaged full Gigabit Ethernet security switch, with 8 Gigabit adaptive electrical ports. Optimizing the large backplane, large cache switching chip solution, improving the forwarding rate of large files, and effectively solving the problems of video freeze and picture loss in the high-definition monitoring environment. It is suitable for hotels, banks, campuses, factory dormitories and small and medium-sized enterprises to form cost-effective networks.

Non-network management model, plug and play, no need to configure, easy to use.

### Features

Full Gigabit rate, high-speed transmission

◇ Support full Gigabit Ethernet port, high-speed, fast transmission, convenient for users to network flexibly, and meet various high-definition networking needs;

◇ All ports support non-blocking wire-speed forwarding for smoother transmission.

◇ Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.

### Equipment is stable and reliable

◇ The host has low power consumption, active fan heat dissipation design, and metal casing to ensure stable

operation of the product.

- ◇ Adopt self-developed power supply and high redundancy design to provide long-term stable power output.
- ◇ The equipment meets the national CCC standard, fully complies with CE, FCC, and RoHS safety regulations, and is safe and reliable to use.

### Simple operation

- ◇ Plug and play, no need to configure, simple and convenient.
- ◇ Users can easily understand the working status of the device through the power indicator (PWR) and port status indicator (Link/Act).

## Product Specification

Model	TD-S1005G	TD-S1008G
<b>port characteristics</b>		
Fixed Port	5 10/100/1000Base-T RJ45 ports (Data)	8 10/100/1000Base-T RJ45 ports (Data)
Network port characteristics	10/100/1000Base-T automatic detection, full/half duplex MDI/MDI-X adaptive	
Twisted pair transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
<b>Chip parameters</b>		
Network protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x	
forwarding mode	Store-and-forward (full wire speed)	
Backplane Bandwidth	10Gbps (non-blocking)	16Gbps (non-blocking)
Packet forwarding rate@64byte	7.44Mpps	11.9Mpps
MAC address	2K	

table		
packet forwarding cache	2M	
jumbo frame	9.2Kbyte	
LED indicator	Power indicator: PWR (green); Data indicator: Link/Act (green)	
<b>power characteristics</b>		
Total power/input voltage	5W (DC 5V)	
power consumption	Standby power consumption: <1W; full load power consumption: <3W	Standby power consumption: <1W; full load power consumption: <4W
Power supply	External power adapter, AC: 100~240V 50-60Hz 0.36A	
<b>Physical Specifications</b>		
Working temperature/humidity	0~+55°C; 5%~90% RH non-condensing	
storage temperature/humidity	-40~+75°C; 5%~95% RH non-condensing	
Appearance size (L*W*H)	93*48*25mm	140*48*25mm
Net weight/Gross weight	< 0.2kg / < 0.4kg	< 0.3kg / < 0.5kg
installation method	desktop, wall-mounted	
<b>Product Certification</b>		
Lightning Protection/Protection Level	Port lightning protection: 4KV 8/20us; Protection class: IP30	
Certification	3C; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;	

Model	Device information	Standard Power supply
<b>TD-S1005G</b>	Unmanaged 5 10/100/1000M RJ45 ports, Ethernet security switch, external power supply.	5V/1A
<b>TD-S1008G</b>	8 unmanaged 10/100/1000M RJ45 ports, Ethernet security switch, external power supply.	



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