



### Overview:

8\* 10/100/1000Mbps auto-sensing RJ45 ports, auto MDI/MDIX.

► Full duplex and half duplex, preventing frame loss from port blocking.

Auto-detecting of parallel / cross line. Simplify the network structure and maintenance.

Support connection with IP Cameras and wireless AP.

Plug and play, no need more configuration.

Low power consumption design. Low power consumption design. Energy-saving and green. Max total power consumption < 6W.

1 year warranty.

### Introduction:

TS-SG1008 is designed as CCTV surveillance Network Switch for simple network environment including home, school dormitory, office and small scale surveillance system etc. Large-capacity cache chip design and full port support wire-speed forwarding mode ensure 7\*24 hours stable and smooth for video and data transmission. 8\*10/100/1000M auto-sensing RJ45 port. Full duplex rate up to 200M. Auto-identify parallel lines and cross lines. Plug and play, expand high-speed network in a fast way.

### TECHNICAL SPECIFICATION:

Model	TS-SG1008
Product Name	8-Port 10/100/1000M Network Switch
Interface	8* 10/100/1000Mbps auto-sensing RJ45 ports(Auto MDI/MDIX)
Feature	Gigabit non-blocking transmission, keeps network fluent. Support MAC self learning and updating
Network Protocol	IEEE802.3u 100Base-TX; IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3x. IEEE802.3ab 1000Base-T;
Twisted Pair Transmission	10BASE-T: Cat5 UTP ( $\leq 100$ meter) 100BASE-TX: Cat5 or later UTP ( $\leq 100$ meter) 1000BASE-T: Cat5 or later UTP ( $\leq 100$ meter).

Forwarding Mode	Store-and-Forward
Forwarding Rate	11.9Mpps
Back-bound Bandwidth	18Gbps
Buffer Memory	4M
MAC Address Table	2K
Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/ (Green)
Power Consumption	Standby State: 0.7W. Max power consumption < 6W
Power Input	AC:100~240V;50~60Hz 0.5A
Power Output	5V/1A (External power adaptor)
Dimension	128*60*24mm (L*W*H)
Operation TEMP Humidity	-20~+55°C: 5%~90% RH non condensing
Storage TEMP Humidity	-40~+75°C;5%~95% RH non condensing
Installation Method	desktop type, wall mounted, 19-inch 1U cabinet installation
Protection	IEC61000-4-2(ESD): +8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM+4kV/DM+2kV; Port: +4kV
Certification	CCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS

## Dimension :

