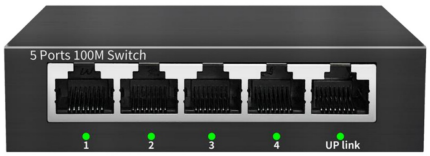

Trudian TD-S1005 Ethernet Security Switch User Guide

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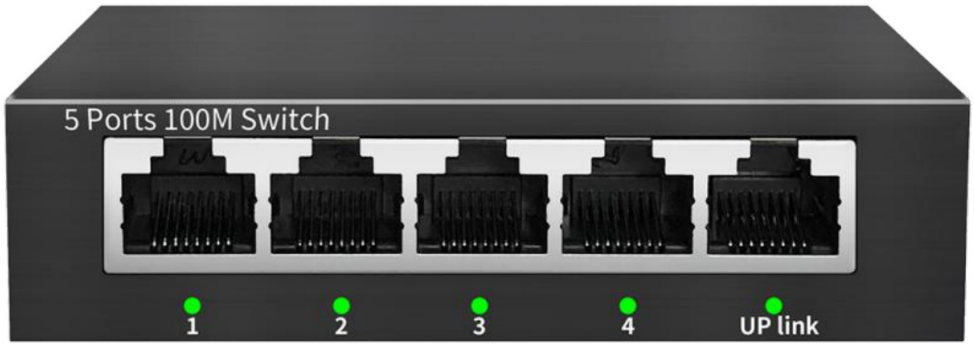

Contents

Product Description

TD-S1005 series unmanaged 100M Ethernet security switch, equipped with 5 10/100Base-TX adaptive RJ45 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 SMB 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

- 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, fanless heat dissipation design, flame-retardant and environmentally friendly plastic shell, small and beautiful.
- The equipment 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-S1005**	**TD-S1008**
port characteristics		
fixed port	5 10/100Base-TX RJ45 ports (Data)	8 10/100Base-TX RJ45 ports (Data)
Network portcharacteristics	10/100Base-TX automatic detection, full/half duplex MDI/MDI-X adaptive	
Twisted pairtrans mission	10BASE-T Cat3,4,5 UTP(≤100 meter)100BASE-TX Cat5 or later UTP(≤100 meter)	
Chip parameters		
Network protocol	IEEE802.3 10BASE-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3x	
forwarding mode	Store-and-forward (full wire speed)	
BackplaneBandwidth	1Gbps (non-blocking)	1.6Gbps (non-blocking)
Packet forwarding rate@64byte	0.74Mpps	1.19Mpps
MAC addresstable	1K	1K
packetforwarding cache	512K	768K
jumbo frame	1536byte	
LED indicator	Power indicator: PWR (green); Data indicator: Link/Act (green)	
power characteristics		
Total	5W DC 5V	

power/inputvoltage		
powerconsumption	Standby power consumption: <1W; fullload power consumption: <2W	Standby power consumption: <1W; fullload power consumption: <3W
Power supply	External power adapter, AC: 100 240V 50-60Hz 0.36A	
Physical Specifications		
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
installationmethod	desktop, wall-mounted	
Product Certification		
LightningProtection/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**	**StandardPower supply**
TD-S1005	Unmanaged 5 10/100M RJ45 ports, Ethernet security switch,external power supply.	5V/1A
TD-S1008	8 unmanaged 10/100M RJ45 ports, Ethernet security switch,external power supply.	

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Documents / Resources

	**Trudian TD-S1005 Ethernet Security Switch** [pdf] User Guide TD-S1005 Ethernet Security Switch, TD-S1005, Ethernet Security Switch, Security Switch, Switch

References

- **User Manual**