QUICK START GUIDE

Non-POE switch

Applicable Model: TD-S1005

Version : 1.0
Date : August 2023

Touching
the future

5-port 100M Ethernet security switch

TD-S1005

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

  100M line speed transmission

◇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 port characteristics	10/100Base-TX 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)	
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)	
Backplane Bandwidth	1Gbps (non-blocking)	1.6Gbps (non-blocking)
Packet forwarding rate@64byte	0.74Mpps	1.19Mpps
MAC address table	1K	1K
packet forwarding cache	512K	768K
jumbo frame	1536byte	
LED indicator	Power indicator: PWR (green); Data indicator: Link/Act (green)	
power characteristics		
Total	5W （DC 5V)	

power/input voltage		
power consumption	Standby power consumption: <1W; full load power consumption: <2W	Standby power consumption: <1W; full load 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
installation method	desktop, wall-mounted	

Product Certification		
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
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.	

Trudian

www.trudian.com/en/

HQ Add: Farbell Technology Park,Yixian Road, Nanlang,
Cuiheng New District, Zhongshan City, Guangdong Province,
China.   Zip Code:528451

Phone: +86 0760 - 23689666
E-mail: sales@trudian.com
If the problem is not solved properly,please send the mail to:
support@trudian.com