

Todaair

Product Specification

TD-56304T-RS

Date: 15th/August/2024



Product Overview

TD-53604T-RS product has the functions of wireless bridge and PoE switch. It is 5.8G and it is suitable for outdoors. It supports IEEE 802.11 a/n wireless protocols, and it can reach wireless speed up to 300Mbps. It has a network ports that supports two Standard POE 48V outputs and a 485 data interface to make wiring easier.

It uses IP55 protection level shell with functions of windproof, rainproof, dustproof and sun protection, which can easily adapt to various harsh outdoor environments. It is mainly used in residential areas, factories, schools, construction sites, breeding farms, farms and other places.

Features

- 2-in-1 Wireless bridge and PoE switch
- 5*10/100Mbps RJ45 port
- Supports DC 12-52V or POE 48-56V input, ETH2. 3 port supports standard POE power supply
- Supports RS-485 signal control
- Supports IEEE 802.11 a/n protocol
- Wireless speed up to 300Mbps
- 5.8G wireless bridge transmission distance can reach 3 kilometers
- Professional outdoor shell design, IP55 dustproof and waterproof protection level

- Supports wall-mount and pole-mount

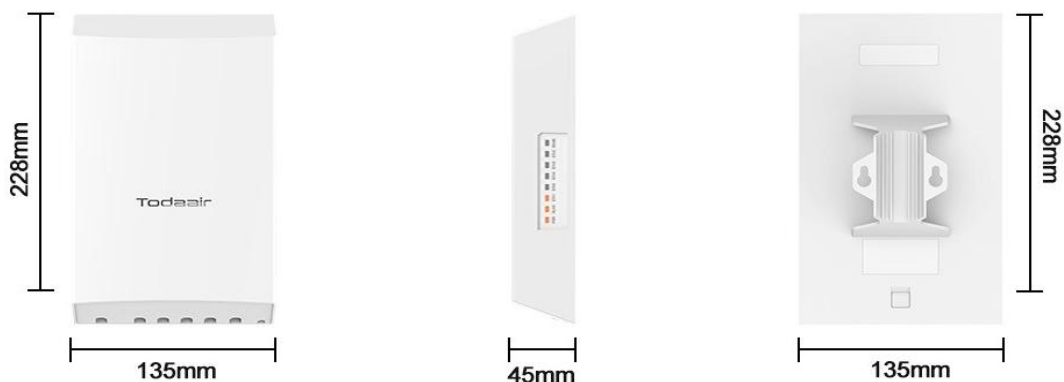
Product Specification

Chipset	Atheros AR9344 600MHz
DRAM	DDR2 64MByte
FLASH	8MByte
Port	5*10/100Mbps RJ45 Port (If there is POE48 input on ETH1 port, ETH2-3 ports support 802.3af/at Standard 48V output)
	1*DC Interface (ETH2-3 port supports IEEE802.3af/at Standard POE 48V output when the DC input voltage is 48-52V)
	1* RS-485 Interface
Data Rate	11a: 54M,48M,36M,24M,18M,12M,9M,6Mbps
	HT20:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,14.4M,28.9M,43.3M,57.8M,86.7M,115.6M,130M,144.4Mbps
	HT40:15M,30M,45M,60M,90M,120M,135M,150M,30M,60M,90M,120M,180M,240M,270M,300Mbps
Transmission	Direct Sequence Spread Spectrum (DSSS)
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK
Standard	Wireless Bridge: IEEE802.11n, IEEE802.11a , IEEE802.3u
	Switch: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af, IEEE802.3at
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5
Channel	4900 ~ 6100MHz
Power Dissipation	≤6W
Power	Power Input Voltage：DC 12-52V / POE 48-56V
	Maximum Power of the Single Port :25W (Requires 60W power supply)
Performance	Backplane Bandwidth 1Gbps

	Packet Forwarding Speed: 12.96Mpps				
	All Ports Line Speed Forwarding				
	The Size of the MAC Address Table: 4K				
	Auto MDI/MDI-X: Yes				
RF Power @25℃±2dB	802.11a	6-24Mbps	27±2dBm		
		36-48Mbps	26±2dBm		
		54Mbps	25±2dBm		
	802.11n	HT20	MCS 0-3	27±2dBm	
			MCS 4	26±2dBm	
			MCS 5	25.5±2dBm	
			MCS 6	25±2dBm	
			MCS 7	24.5±2dBm	
		HT40	MCS 0-3	26±2dBm	
			MCS 4	25.5±2dBm	
			MCS 5	25±2dBm	
			MCS 6	24.5±2dBm	
			MCS 7	24±2dBm	
Sensitivity	802.11a	6Mbps ≤ -89, 54Mbps ≤ -73			
	802.11n	HT20	MCS 0 ≤ -86, MCS 7 ≤ -68		
		HT40	MCS 0 ≤ -83, MCS 7 ≤ -65		
Antenna	Frequency Range	4900 ~ 6100MHz			
	Polarization	Vertical/Horizontal			
	Gain	16DBi			

Management	WEP Management	Yes
	SNMP MIB	Yes
	Telnet	Yes
	Serial	Yes
Security	MAC Address Control	No
	MAC Address Control	WEP Encryption 64/128bits, WPA,WPA2,802.1x
Operating Condition	Operating Temperature	-30 ~ 65℃
	Storage Temperature	-50 ~ 80℃
	Humidity(non-condensed)	≤ 95% (non-condensed)
Product Size	Size: 228*135*43mm	
	Weight: 0.4kg	
Accessories	1 Stainless Steel Fixed Ring	
	2 Screws	
	2 Rubber Plugs	
	1 Terminal	
	1 DC 48V 0.5A Power Supply	
	1 User Manual	

Product Image



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