

Todaair

Product Specification

TD954G2 V4.1

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Product Overview

TD954G2 V4.1 is a cost-effective wireless communication product developed based on 4G network requirements. The WiFi rate is up to 300Mbps, which can satisfy the needs of small networks such as offices and homes for stable, safe, and simple Internet access. It also can be applied to the Internet of things communication industry and provide users multiple practical functions such as data monitoring, collection and transmission functions.

Full 4G network access, compatible with 4G/3G/2G networks, equipped with 2*10/100M LAN ports, connected to the internal LAN. It also have 1*10/100M adaptive Ethernet WAN interface, available wired internet access.

Features

- 300M Wireless Speed

Adopt professional CPU, the wireless transmission speed can up to 300Mbps, 100 meters transmission range, separated power amplifier with low noise, which can support 30 devices stably, no lagging and no offline.

- Easy Setting and Flexible

Support 4G mode, routing mode and AP mode, built-in quick setup wizard, guide customers to easily complete the configuration. The default is 4G access mode, plug and play, routing mode, support wired broadband access. Support AP mode, easily convert a wired network into a wireless WiFi network. Support 4G and wired broadband access methods, support 4G/3G/2G Internet access card, compared with places where wired bandwidth cannot be reached, this has the advantage of 4G Internet access. 4G and wired are automatically switched, so that the connection is always continuous.

- Multiple Statistical Ways to Check the Device Status

Built-in traffic statistics, support flow package setting, check the situation of flow using in each month. Multi-state work metrics and real-time work logs are available to view the working status of the device at any time.

- Functional updates and performance optimizations

The R&D team has been constantly updating functions to meet the needs of various network environments simply and efficiently.

Optimize the performance carefully to ensure that we provide the best quality network products and improve the user experience.

Product Specification

Hardware Configuration	
Chipset	MTK7628KN 300M Enterprise Chipset
Frequency	580MHz
Wireless Technology	802.11b/g/n 300M MIMO Technology
Flash Memory	2MB
Internal Storage	8MB
Port	WAN 10/100Mbps Adaptive Network Interface*1
	LAN 10/100Mbps Adaptive Network Interface*2
	DC Power Supply Interface *1
	SIM Card
Antenna	4G 2T2R 5dBi Snap Stick Antenna*2
	WiFi 2T2R 2.4G 5dBi Snap Stick Antenna*2
Power Dissipation	< 10W
Button	1* RESET Button , Press the button for 3 seconds to restore factory setting
Indicator Light	6 Indicator Lights: POWER、WIFI、4G、WAN、LAN1、LAN2
WiFi Features	
RF	802.11b/g/n:2.412~2.472GHz
Modulation	11b : DSS:CCK@5.5/11Mbps,DQPSK@2Mbps,DBPSK@1Mbps
	11g : OFDM:64QAM@48/54Mbps,16QAM@24Mbps,QPSK@12/18Mbps,BPSK@6/9Mbps
	11n : MIMO-OFDM:BPSK,QPSK,16QAM,64QAM
Speed	11b: 1/2/5.5/11Mbps
	11g: 6/9/12/18/24/36/48/54Mbps
	11n: Speed up to 300Mbps
Sensitivity	11b: <-84dbm@11Mbps

	11g: <-69dbm@ 54Mbps
	11n: HT20<-67dbm HT40: <-64dbm
Transmitting Power	11b: 18dBm@ 1~11Mbps
	11g: 16dBm @ 6~54Mbps
	11n: 15dBm@ MCS0~7
Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11b/g/n(2.4G WLAN)
Security	WPA/WPA2 Security Mechanism (WPA-PSK Use TKIP or AES)
4G Features	
LTE-FDD (Support Graded Acceptance)	B1/B3/B5/B8
LTE-TDD (Support Graded Acceptance)	B34/B38/B39/B40/B41
3G	B1/B5/B8
GSM	900MHz/1800MHz
GNSS Function	GPS、GLONASS、BeiDou/Compass , Galileo,QZSS
Transmit Power	Class 4 (33dBm±2dB) for GSM900
	Class 1 (30dBm±2dB) for DCS1800
	Class E2 (27dBm±3dB) for GSM900 8-PSK
	Class E2 (26dBm±3dB) for DCS1800 8-PSK
	Class 3 (24dBm+2/-1dB) for CDMA BC0
	Class 3 (24dBm+1/-3dB) for WCDMA bands
	Class 2 (24dBm+1/-3dB) for TD-SCDMA bands
	Class 3 (23dBm±2dB) for LTE-FDD bands
	Class 3 (23dBm±2dB) for LTE-TDD bands
LTE Feature	Max Support 3GPP R8 non-CA Cat 4 FDD 和 TDD
	Support 1.4MHz~20MHz Radio Frequency Broadband

	Downlink Support MIMO
	LTE-FDD : Max Downlink Rate 150Mbps , Max Uplink Rate 50Mbps
	LTE-TDD : Max Downlink Rate 130Mbps , Max Uplink Rate 35Mbps
UMTS Characteristic	Support 3GPP R8 DC-HSDPA , HSPA+ , HSDPA , HSUPA 和 WCDMA
	Support QPSK , 16-QAM 和 64-QAM Modulation
	DC-HSDPA : Max Downlink Rate 42Mbps
	HSUPA : Max Uplink Rate 5.76Mbps
	WCDMA : Max Downlink Rate 384Kbps , Max Uplink Rate 384Kbps
TD-SCDMA Characteristic	Support CCSA Release 3 TD-SCDMA
	Max Downlink Rate 4.2Mbps , Max Uplink Rate 2.2Mbps
CDMA Characteristic	Support 3GPP2 CDMA2000 1X Advanced & 1xEV-DO Rev.A
	EVDO : Max Downlink Rate 3.1Mbps , Max Uplink Rate 1.8Mbps
	1 X Advanced : Max Downlink Rate 307.2Kbps , Max Uplink Rate 307.2Kbps
Operating/ Storage Temperature	-10°C ~ 50°C/-40°C ~ 70°C
Operating/ Storage Humidity	5% ~ 95% (Non-condensed)
Features	
Operating Mode	4G Access, Router Mode, AP Mode
Capacity	30 Users
Management	WEB Remote Management
Status	System Status, Interface Status, Routing Table
Wireless Configuration	WiFi Basic Parameter Configuration/Blacklist
Network Setting	Working mode
	LAN/WAN Setting

Traffic Statistics	Traffic Statistics / Package Settings / Traffic Control
System	System attribute/Password Modification/Backup Upgrade/System Log/Reboot
Setup Wizard	Quick Configuration Wizard
Light Flashing Rules	
POWER	Connected to the power supply , the POWER indicator is steady blue.
2.4G	Turn on 2.4G WiFi , 2.4G indicator steady blue.
4G	In the 4G network mode, the 4G indicator is steady blue when the 4G network is normal. In 4G mode, the 4G is abnormal and the blue indicator is blinking.
WAN	The WAN indicator is steady blue when the data is connected.
LAN1/LAN2	The LAN1 and LAN2 are steady blue when the data is connected.
Product Size	Size : 181*142*29mm
	Weight : 0.2kg
Packing List	1 Power Supply
	1 Specification
	1 Cable
	2 Screws
	2 Rubber Plugs

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Todaair APP

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