



TA8H

802.11a/b/g/n/ac 2G&5G Indoor Dual-band Wireless Access Device



Intelligent
Rate Control



ACK Time-out
Adjustment



2x2 MiMo



High
Throughput



Gigabit
Ethernet



Hardware
Watchdog



POE+

Summary

TA8H is a new generation of 802.11ac 2x2 dual frequency AP for indoor applications. It can provide stable indoor wireless signal coverage, and provide customers with stable, high quality, convenient wireless access service.

TA8H combines industry-leading core technology, to ensure high throughput and reliable wireless signal coverage under various application scenarios.

This series of products have simple structure and designed fully considering harsh environment applications, and comply with the IP41 standard, so the TA8H is a good candidate for enterprise level WiFi coverage device.

Product Feature

- Dual-band concurrent (2.4GHz&5GHz).
- Support 802.11ac standard, and 2x2 MIMO technology.
- Longest transmission distance: 0~150m, and max transmission throughput: 867Mbps (5G) +300Mbps (2.4G).
- Support operation modes: Access point, Station, WDS Access point, WDS Station.
- Support PPPoE and route mode.
- Wireless multimedia optimization technology guarantees video / Traffic shaping.
- Support dual backup firmware.
- Support wireless load balancing.
- Web based working scenario selection makes the installation and setting much easier.
- Support remote configuration and upgrade management by AC.
- Support SNMP.
- Standard 802.3at Power over Ethernet (PoE+).

Specifications

Specifications		
Hardware	CPU	QCA9557+QCA9882
	DDR& Memory	128MB DDR2, 16MB Flash
	Power requirement	48V PoE , 48V DC
	Installation method	Ceiling Installation
	Protection level	IP41
	Working temperature	-20°C~55°C
	Storage temperature	-40°C~85°C
	Working humidity	5%~95%RH Non-condensing
	Equipment size	150x150x31.6 mm
	Physical Interface	10/100/1000M Base-TX (Cat. 5/5E, RJ-45) x2
	LED indicator	Breathing light
Wireless	Protocol	802.11a/b/g/n/ac
	Operating Frequency	2412 ~ 2472 MHz 5180~5320, 5745~5825MHz
	Antenna gain	3dBi
	Beam Width	Omnidirectional antenna
Software	Operating mode	Access point, Station, WDS Access point, WDS Station
	Encryption authentication	WPA/WPA2, hidden SSID, MAC filtering
	Network mode	Bridge/ Router
	Configuration management	Support web page configuration, support AC remote management, support SNMP management
	software upgrade	Support web page upgrade and support AC remote upgrade

RF Index

Transmit Power				Receiving Sensitivity			
	Rate	Power	Tolerance		Rate	Power	Tolerance
11a	6Mbps	27dBm	+/-2dBm	11a	6Mbps	-85dBm	+/-2dBm
	54Mbps	24dBm	+/-2dBm		54Mbps	-70dBm	+/-2dBm
11an	HT20_MCS8	27dBm	+/-2dBm	11an	HT20_MCS8	-85dBm	+/-2dBm
	HT20_MCS15	23dBm	+/-2dBm		HT20_MCS15	-65dBm	+/-2dBm
	HT40_MCS8	27dBm	+/-2dBm		HT40_MCS8	-82dBm	+/-2dBm
	HT40_MCS15	23dBm	+/-2dBm		HT40_MCS15	-62dBm	+/-2dBm
11ac	HT20_MCS0	27dBm	+/-2dBm	11ac	HT20_MCS0	-85dBm	+/-2dBm
	HT20_MCS8	22dBm	+/-2dBm		HT20_MCS8	-60dBm	+/-2dBm
	HT40_MCS0	27dBm	+/-2dBm		HT40_MCS0	-82dBm	+/-2dBm
	HT40_MCS9	21dBm	+/-2dBm		HT40_MCS9	-55dBm	+/-2dBm
	HT80_MCS0	27dBm	+/-2dBm		HT80_MCS0	-79dBm	+/-2dBm
	HT80_MCS9	21dBm	+/-2dBm		HT80_MCS9	-52dBm	+/-2dBm
11gn	HT20_MCS8	27dBm	+/-2dBm	11gn	HT20_MCS8	-85dBm	+/-2dBm
	HT20_MCS15	23dBm	+/-2dBm		HT20_MCS15	-65dBm	+/-2dBm
	HT40_MCS8	27dBm	+/-2dBm		HT40_MCS8	-82dBm	+/-2dBm
	HT40_MCS15	23dBm	+/-2dBm		HT40_MCS15	-62dBm	+/-2dBm

Dimensions



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