UTEPO

Datasheet | UAP3302-1200, UAP3302-1800

1200M/1800M Indoor Ceiling Wireless Access Point

Overview

Indoor Ceiling Wireless Access Point is 2.4GHz + 5GHz dual band AP. It realizes a high bandwidth network capacity. The high-gain RF antenna design helps maintain the quality of Wi-Fi signal even over a long distance, so that wireless clients and AP can work under the high-performance. It is a perfect choice for such as office and hotel to deploy wireless networks.

Features and Highlights

Dual-band & High Bandwidth

- UAP3302-1200: 2.4GHz up to 300Mbps, 5G up to 867Mbps
- UAP3302-1800: 2.4GHz up to 574Mbps, 5G up to 1201Mbps

High Gain Antenna

- 2.4GHz 4.6dBi Gain 2*2MIMO antenna
- 5GHz 4dBi Gain 2*2MIMO antenna

Professional Design

- Working temperature: -30~45°C
- IP65
- 6kV contact discharge, 8kV air discharge ESD protection

Easy-to-use

- IEEE 802.3af/at Supported, easy installation and deployment

UAP3302-1200

UAP3302-1800

Specifications

Item	UAP3302-1200	UAP3302-1800
Hardware Specifications		
Ethernet Port	1*10/100/1000BASE-T PoE RJ-45 WAN(Auto-MDI/MDI-X)	
	1*10/100/1000BASE-T RJ-45 LAN(Auto-MDI/MDI-X)	
Power Method	IEEE 802.3af PoE or 12V, 1A DC	IEEE 802.3at PoE or 12V, 1.5A DC
Frequency Range	2.412 GHz~2.484GHz, 5.150GHz~5.850GHz	
Compliant Standards	IEEE 802.11b/g/n, IEEE 802.11a/n/ac	IEEE 802.11b/g/n/ac/ax, IEEE 802.11a/n/ac/ax
Antenna Gain	2.4GHz:4.6dBi, 5GHz: 4dBi	
Maximum Wireless Rate	2.4GHz up to 300Mbps, 5G up to 867Mbps	2.4GHz up to 574Mbps, 5G up to 1201Mbps
Flash	8MB	16MB
RAM	128MB	256MB
LED Indicator	1*LAN port status indicator	
	1*WAN port status indicator	
	1*SYS & 2.4G & 5G status three color indicator	
Reset Button	Long press >6s to initialize the system	
Dimensions (L*W*H)	168mm*168 mm*32 mm	188mm*188 mm*35 mm
Power Consumption	<11W	<15W
Reliability		
ESD	IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV	
Surge	IEC61000-4-5, line to line:1kV	
Protection	IP65	
Operating	-30°C to 45°C, 5%~95% (Non-condensation)	
Storage	-40°C to 70°C, 5%~95% (Non-condensation)	

Item					
UAP3302-1200					
2.4G Wireless Power	802.11b	11M	18±2dBm	1M	20±2dBm
	802.11g	54M	17±2dBm	6M	19±2dBm
	802.11n HT20	MCS7	16±2dBm	MCS0	18±2dBm
	802.11n HT40	MCS7	15±2dBm	MCS0	17±2dBm
5G Wireless Power	802.11a	54M	20±2dBm	6M	22±2dBm
	802.11n HT20	MCS7	19±2dBm	MCS0	21±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11AC	MCS9	17±2dBm	MCS0	19±2dBm
2.4G Receiver Sensitivity	802.11b	11M	-85dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
5G Receiver Sensitivity	802.11a	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac VHT80	MCS9	-58dBm	MCS0	-85dBm
2.4G EVM	802.11b: ≤-10 dB, 802.11g: ≤-25 dB, 802.11n: ≤-28 dB				
5G EVM	802.11a: ≤-25 dB, 802.11n: ≤-28 dB, 802.11ac: ≤-32 dB				
UAP3302-1800					
2.4G Wireless Power	802.11b	11M	22±2dBm	1M	23±2dBm
	802.11g	54M	19±2dBm	6M	20±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	19±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	19±2dBm
	802.11ax HT20	MCS11	15±2dBm	MCS0	16±2dBm
	802.11ax HT40	MCS11	15±2dBm	MCS0	16±2dBm
5G Wireless Power	802.11a	54M	18±2dBm	6M	19±2dBm
	802.11n HT20	MCS7	17±2dBm	MCS0	18±2dBm
	802.11n HT40	MCS7	17±2dBm	MCS0	18±2dBm
	802.11ac HT20	MCS7	17±2dBm	MCS0	18±2dBm
	802.11ac HT40	MCS7	16±2dBm	MCS0	17±2dBm
	802.11ac HT80	MCS9	16±2dBm	MCS0	17±2dBm
	802.11ax HT20	MCS11	15±2dBm	MCS0	16±2dBm
	802.11ax HT40	MCS11	15±2dBm	MCS0	16±2dBm
	802.11ax HT80	MCS11	15±2dBm	MCS0	16±2dBm
2.4G Receiver Sensitivity	802.11b	11M	-85dBm	1M	-92dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ax HT20	MCS11	-60dBm	MCS0	-85dBm
	802.11ax HT40	MCS11	-56dBm	MCS0	-85dBm
5G Receiver Sensitivity	802.11a	54M	-72dBm	6M	-92dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-88dBm
	802.11ac HT20	MCS7	-70dBm	MCS0	-90dBm
	802.11ac HT40	MCS7	-68dBm	MCS0	-88dBm
	802.11ac HT80	MCS9	-58dBm	MCS0	-85dBm
	802.11ax HT20	MCS11	-62dBm	MCS0	-88dBm
	802.11ax HT40	MCS11	-58dBm	MCS0	-86dBm
	802.11ax HT80	MCS11	-55dBm	MCS0	-84dBm
2.4G EVM	802.11b:≤-10 dB, 802.11g:≤-25 dB, 802.11n:≤-28dB, 802.11ax: ≤-35 dB				
5G EVM	802.11a:≤-25 dB, 802.11n:≤-28 dB, 802.11ac:≤-32 dB, 802.11ax:≤-35 dB				

Software Architecture

Item	
Operation Mode	Wireless AP
	Gateway: Dynamic IP/Static IP/PPPoE
Wireless Functions	2.4GHz Multiple SSID: 4 5GHz Multiple SSID: 4
	Support SSID hidden
	Support SSID broadcast
	Support 5G Prior for a faster Ethernet.
	Wireless Security: OPEN, WPA, WPA2, WPA-PSK, WPA2-PSK
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
	Short GI Enable and Disable
	Support user quantity limited, Max 128 users to access each band.
Networking Function	VLAN settings
Device Management	Back-up the configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
	Support firmware GUI web management, AC controller management
Protocols	IPv4

Packing List

Welcome to order our products. After purchasing, you will receive:

Item	Quantity
Access Point	1 pc
Mounting Accessory	1 set
Ethernet Cable	1 pc
Quick Installation Guide	1 pc

Related Products

Model	Description
UAP3302-1200P	1200M Outdoor High Power Wireless Access Point

More Information

For more information, please visit:
www.utepo.net

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Version, V1.0, updated 2023-04-27.