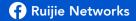


Ruije Reyee







Product Overview

The Reyee RG-RAP2200 dual-band ceiling mount AP is a high-performance ceiling mount AP for large indoor Wi-Fi coverage. The device supports 802.3af/at PoE and 12V DC local power supply. Compliant with 802.11a/b/g/n/ac Wave1/Wave2 Wi-Fi protocol, RG-RAP2200 supports MU-MIMO dual-stream technology and offers built-in omnidirectional antennas.

With simultaneous dual band, the unit provides high-speed wireless access of 400Mbps on 2.4GHz, 867Mbps on 5GHz and up to 1267Mbps per AP. Its coverage of over 20 meters makes it an ideal choice for many wireless scenarios, especially in offices, commercial industry, hotels, service scenarios, etc.

The mounting kits support various installation methods including on desktop, ceiling, wall, and pole mount.

RG-RAP2200 Series supports Ruijie's smart networking feature. With the Ruijie Cloud app, users can quickly complete the device deployment and configuration, remote management, operation and maintenance of the entire network.

Users can perform comprehensive local management of the equipment in the network via the Ruijie Cloud app, eWeb management or Ruijie Cloud platform. Users can also share the network to third party for network hosting and collaborative management, thereby achieving simpler, easier to use, more secure and convenient enterprise network operation and maintenance.

Highlights

- 802.11ac Wave2 technology
- Auto-provisioning via self-organizing network
- Ruijie Cloud management
- 2x LAN Ports
- Seamless layer 3 roaming

Technical Specifications

Model	RG-RAP2200(E)	RG-RAP2200(F)	
Hardware specifications			
Radio	Dual-stream dual-band		
Protocol	Concurrent 802.11ac wave2, wave1, 802.11a/b/g/n		
Operating Bands	802.11b/g/n: 2.4GHz ~ 2.4835GHz 802.11a/n/ac: 5GHz: 5.150~5.350GHz, 5.725~5.850GHz		
Antenna	Array antennas (2.4GHz: 2dBi, 5GHz: 2dBi)		
Spatial Streams	2.4GHz 2x2MIMO 5GHz 2x2MIMO		
Max Throughput	Up to 400Mbps at 2.4GHz Up to 867Mbps at 5GHz 1.267Gbps per AP		
Modulation	OFDM: BPSK@6/9Mbps, QPSK@12/18Mbps, 16-QAM@24Mbps, 64-QAM@48/54Mbps DSSS: DBPSK@1Mbps, DQPSK@2Mbps, and CCK@5.5/11Mbps MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM and 256QAM		
Receiver Sensitivity	11b: -91dBm (1Mbps), -88dBm (5Mbps), -85dBm (11Mbps) 11a/g: -89dBm (6Mbps), -80dBm (24Mbps), -76dBm (36Mbps), -71dBm (54Mbps) 11n: -83dBm@MCS0, -65dBm@MCS7, -83dBm@MCS8, -65dBm@ MCS15 11ac HT20: -83dBm (MCS0), -57dBm (MCS9) 11ac HT40: -79dBm (MCS0), -57dBm (MCS9) 11ac HT80: -76dBm (MCS0), -51dBm (MCS9)		
Maximum Transmit Power	5.725~5.850GHz: ≤20dBm (EIRP) 5.150~5.350GHz: ≤20dBm (EIRP) 2.4~2.4835GHz: ≤20dBm (EIRP)		
Adjustable Power	1dBm		
Dimensions	194mm×194mm×35mm (excluding mounting kits)		
Weight	0.45kg (excluding mounting kits)		
Service Ports	2x 10/100/1000 Mbps Ethernet ports, PoE/LAN1 port supports PoE	2x 10/100 Mbps Ethernet ports, PoE/LAN1 port supports PoE	
Management Port	NA		
LED Indicator	Single indicator (green light)		
Power Supply	Local power supply, DC 12V/1.5A (Note: The power adapter is sold as an optional accessory) 802.3af/802.3at PoE		
Power Consumption	≤ 12.95W		



Model	RG-RAP2200(E)	RG-RAP2200(F)	
	Operating temperature: 0°C~40°C		
Environment	Storage temperature: -40°C~70°C		
	Operating humidity: 5%~95% (non-condensing)		
	Storage humidity: 5%~95% (non-condensing)		
Installation	Wall-mount, ceiling-mount		
Safety Standard	GB4943, IEC 60950-1		
EMC Standard	GB9254, EN301 489, EN50155, EN50121, EN55032, EN61000, EN55035		
Vibration Standard	IEC61373		
Radio Standard	SRRC certification, EN300 328, EN301 893		
MTBF	>400000H		
Software Features			
Operating Mode	AP mode and routing mode		
WLAN	Maximum number of clients: 110		
	Recommended number of clients: 40 (8 at 2.4GHz, 32 at 5GHz)		
	Up to 8 SSIDs		
	Support SSID hiding		
	Configuring the authentication mode, encryption mechanism, and		
	VLAN attributes for each SSID		
	SSID-based and radio-based STA limit		
	Support Layer 2 user isolation		
Roaming	Support Layer 2 and Layer 3 roaming		
Security	Support PSK authentication		
	Support static blacklist and whitelist		
	Support WPA (TKIP), WPA2 (AES), an	d WPA-PSK data encryption	
Routing	Support static IP address, DHCP, PPPoE Dial Up		
	Support unified networking of all net		
Management and Support local or remote management with Ruijie Cloud			
maintenance	Support local management with web		
	Support remote management with Ruijie Cloud platform		
Platform management , Automatic RF adjustment via the platform Unified configuration via the platform			
features	Unified monitoring via the platform	1	