



RG-RAP2260 Series

Wi-Fi Dual Band Ceiling Mount Access Point

Product Overview

The RG-RAP2260(G) adopts the dual-radio, dual-band design and 2G+5G is recommended. With the next-generation 802.11ax for 5G, the maximum access rate can reach 1.2Gbps. If dual-radio is enabled concurrently, the high-speed Wi-Fi can reach 1.8Gbps, offering the true high-speed experience.

Compared with the previous Wi-Fi 5 (802.11ac) with only downlink MU-MIMO support, Wi-Fi 6 supports both uplink and downlink MU-MIMO (multi-user, multiple-input and multiple-output). Therefore, Ruijie RG-RAP2260 Series access points can connect clients simultaneously, significantly improving the wireless performance and experience.

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

Technical Specifications

Model	RG-RAP2260(G)	RG-RAP2260(E)
Radio	Dual-Stream Dual-Band	
Protocol	Concurrent 802.11ax, 802.11ac Wave2 / Wave1 802.11a/b/g/n	Concurrent 802.11ax, 802.11ac Wave2 / Wave1 802.11a/b/g/n
Operating Bands	802.11b/g/n/ac/ax : 2.4GHz 802.11a/n/ac/ax : 5GHz	
Antenna	2.4GHz: 3dBi 5GHz: 3dBi	2.4GHz: 3dBi 5GHz: 3dBi
Spatial Streams	2.4GHz 2x2MIMO 5GHz 2x2MIMO	2.4GHz 4x4MIMO 5GHz 4x4MIMO
Max Throughput	Up to 574Mbps at 2.4GHz Up to 1201Mbps at 5GHz Total 1775Mbps per AP	Up to 800Mbps at 2.4GHz Up to 2402Mbps at 5GHz Total 3202Mbps per AP
Modulation	<p>OFDM: BPSK@6/9Mbps, QPSK@12/18Mbps, 16QAM@24Mbps, 64QAM@48/54Mbps</p> <p>DSSS: DBPSK@1Mbps, DQPSK@2Mbps, CKK@5.5/11Mbps</p> <p>MIMO-OFDM: BPSK, QPSK 16QAM, 64QAM, 256QAM, 1024QAM</p> <p>OFDMA</p>	
Receive Sensitivity	<p>11b -96dBm(1Mbps) , -93dBm(5Mbps) , -89dBm(11Mbps)</p> <p>11a/g -91dBm (6Mbps) , -85dBm (24Mbps) , -80dBm (36Mbps) , -74dBm (54Mbps)</p> <p>11n -90dBm@MCS0 , -70dBm@MCS7 , -89dBm@MCS8 , -68dBm@MCS15</p> <p>11ac 20MHz : -88dBm (MCS0) , -63dBm (MCS9) 40MHz: -85dBm (MCS0), -60dBm (MCS9) 80MHz: -85dBm (MCS0), -60dBm (MCS9)</p> <p>WiFi 6: 80MHz -82dBm (MCS0), -57dBm (MCS9) , -52dBm (MCSII)</p>	

Model	RG-RAP2260(G)	RG-RAP2260(E)
Maximum Output Power of the Transmitter (Single Stream)	2.4GHz: 23dBm 5GHz: 23 dBm	
Adjustable Power Increments	1dBm	
Dimensions	194mm x 194mm x 35mm (excluding mounting kits)	220mm x 220mm x 35mm (excluding mounting kits)
Weight	0.56 kg (excluding mounting kits)	1.05kg (excluding mounting kits)
Service Ports	2x 10/100/1000 Ethernet ports PoE/LAN1 port supports PoE	1x 10/100/1000/2500 Ethernet port, supports PoE 1x 10/100/1000 Ethernet port
Management Port	N/A	
LED Indicator	Single indicator (Green Light)	
Power Supply	Local Power Supply, DC 12V / 1.5A Sold Separately. 802.3at PoE Warning: 802.3af or non-standard PoE adapter may cause unknown issues	
Power Consumption	15.3W	25.4W
Operating Temperature	0°C to 70°C	
Storage Temperature	-40°C to 70°C	
Operating Humidity	5% to 95% non-condensing	
Storage Humidity	5% to 95% non-condensing	
Installation	Ceiling/Wall-Mountable	
Safety Standard	GB4943, IEC 62368-1	
EMC Standard	GB9254, EN301 489, EN50155: EN50121, EN55032, EN61000, EN55035	
Vibration Standard	IEC61373	
Radio Standard	EN300 328, EN301 893	
MTBF	>400000H	
Maximum number of clients	512	
Recommended number of clients	100	
Number of SSID	Up to 8 SSID	
SSID Features	Support SSID hiding Configuring the authentication mode, encryption mechanism and VLAN attributes for each SSID SSID-based and radio-based STA limit	
WLAN	Supports Layer 2 User isolation	
Roaming	Supports Layer 2 and Layer 3 Roaming	
Security	PSK Authentication Static Blacklist and Whitelist WPA (TKIP) WPA2 (AES) WPA-PSK data encryption Supports Black List / White List Maximum 256 rules per SSID Maximum 1024 rules per AP	
Routing	Support static IP address, DCHP, PPPoE Dial Up	
Management and Maintenance	Supports Unified Networking of all Network Equipment Supports Local or Remote Management with Ruijie Cloud APP Supports local management with web Support remote management with Ruijie Cloud Platform	
Platform Management Features	Automatic RF adjustment via the platform Unified configuration via the platform Unified monitoring via the platform	