

RG-RAP2260(H)

Wi-Fi 6 AX6000 High-density Multi-G Ceiling Access Point

DATASHEET



Highlights

- Build ultra-high performance Wi-Fi with 5.95Gbps throughput.
- Client connections over 500, higher practical performance as well.
- Boost Internet speed with 5Gbps uplink for the future.
- Easily install extra AP with Reyee Mesh technology.
- Support standalone captive portal, easy to enable Wi-Fi authentication.

Highlight Features

Build Ultra-fast and High-density Wi-Fi 6 Network for the Future

Interface Installation



WIFI 6 AX6000 Wi-Fi 6 4x4 MIMO 4 x 4 MU-MIMO Dual 2.5GE Wired Uplink Reye Mesh Technology Free Cloud Management

Build Ultra-fast Wi-Fi Network for the Future

Interface Installation



WIFI 6 AX6000 Wi-Fi 6 4x4 MIMO 4 x 4 MU-MIMO Dual 2.5GE Wired Uplink Reye Mesh Technology Free Cloud Management

Better Multi-User Experience in High-Density Scenarios

Performance upgraded, support client connections over 500.



Users 500 4x4 MIMO 2.4G 5G

/ Highlight Features

Boost Your Internet Speed with 5Gbps Uplink

Can be integrated dual 2.5GE uplink, build network for future.



Easily Install Extra AP with Reyee Mesh

Less wiring, more relaxing.



Highlight Features

More Flexiable Wi-Fi Authentication

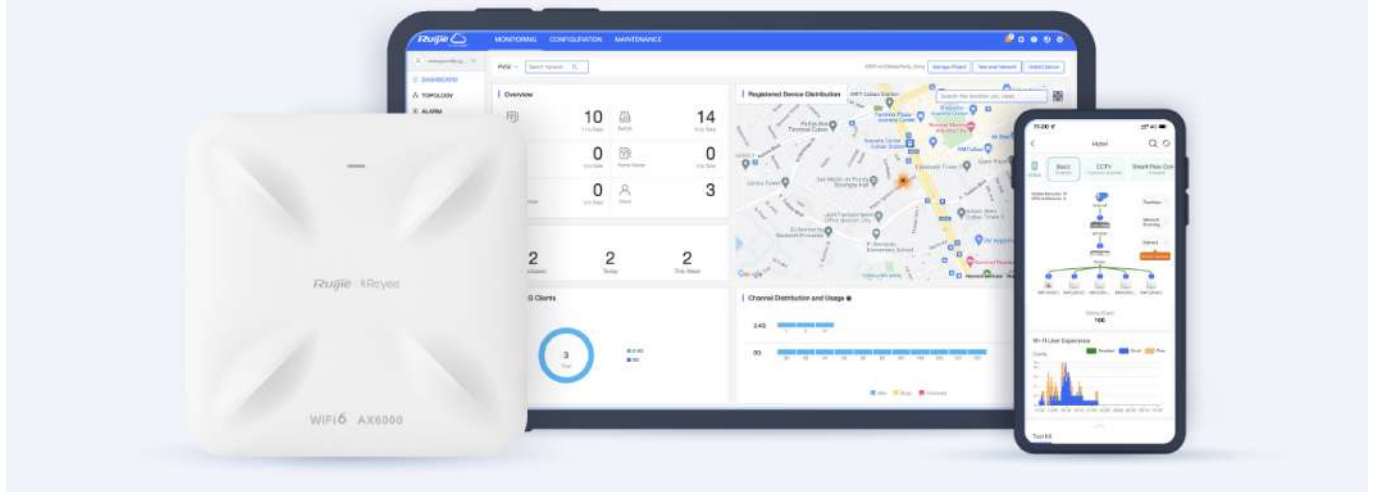
Support standalone captive portal, easy to enable Wi-Fi authentication based on Ruijie Cloud only.*



* Access point standalone portal authentication will be supported in Q2.2023 through new firmware.

Cloud, Make Your Business Easy

- Self-organizing network
- Centralized network management
- Scenario based configuration
- Cloud portal authentication
- Remote monitoring and maintenance



/ Specifications

Basic Feature

Wi-Fi Standards	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 4×4, MU-MIMO 5GHz, 4×4, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 1148Mbps 5GHz: 4804Mbps
Antenna	8
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4GHz: 3dBi 5 GHz: 4dBi
Transmit Power	EIRP: ≤35dBm (2.4GHz) ≤36dBm (5GHz) country-specific restrictions apply Myamar: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5850 MHz ≤ 25 dBm Thailand: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5725 MHz ≤ 25 dBm Egypt: 2400 MHz~2483.5 MHz ≤ 20 dBm (EIRP) 5150 MHz~5350 MHz ≤ 20 dBm (EIRP)
Fixed Ports	2 x 100/1000/2500 Base-T ports 1 × Reset button 1 x DC port
Max. Clients	512
Recommended Clients	130
Max. SSIDs	8

Specifications

Basic Feature

Recommended Wi-Fi Coverage Radius	2.4GHz: 40 meters
	5GHz: 70 meters
The Wi-Fi coverage is related to the installation environment of the access point.	

Max. Wi-Fi Coverage Radius	150 meters
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Operation Frequency Bands	802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz
	802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz
	country-specific restrictions apply
Egypt:	
802.11b/g/n: 2.4 GHz ~ 2.4835 GHz	
802.11a/n/ac: 5.150 GHz ~ 5.350 GHz	

Software Feature

WLAN Basic Features

Power Adjustment	✓
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Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz
	5 GHz: Auto/20/40/80/160 MHz

Roaming	Layer 2 roaming
	Layer 3 roaming

OFDMA	✓
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Beamforming	✓
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WMM	✓
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Radar Signal Detection and Frequency Hopping (DFS)	✓
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WLAN Security

Max Wi-Fi Password Length	16 Digits
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Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
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Blacklist and Whitelist	✓
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Enhanced User Experience

Wi-Fi Optimization	✓
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Specifications

Software Feature

STA Limit	✓
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Removing Low-RSSI STAs	✓
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Adjusting Sending Rate of Beacon and Probe Response	✓
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Syslog Recording Why Users Lose Connection	✓
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Auto Channel and Power Adjustment on Cloud	✓
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RSSI Threshold for STA Access	✓
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Load Balancing	✓
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Networks

Network Access Mode	PPPoE Client DHCP Client Static IP
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VLAN	✓
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DHCP Server	✓
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System

Cloud Management	✓
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APP Management	✓
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APP Upgrade	✓
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APP Restart	✓
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Scheduled Restart	✓
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Default Access/Password	10.44.77.253 No Password Required by Default
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Local Upgrade	✓
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Online Upgrade	✓
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Specifications

System

Dual-bin Backup	✓
Factory Reset	✓
Language	Chinese English
System Log	✓
Diagnostics	✓
Network Check	✓

Physical

LED Indicator	1 × System LED indicator
Buttons	1 × Reset button
Dimensions (W × D × H)	230 mm x 230 mm x 49.5 mm (Without Mounting Bracket)
Weight	≤ 1.80 kg (Without Mounting Bracket)
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W × D × H)	120 mm x 120 mm x 8.7 mm
Mounting Hole Pattern	53 mm x 53 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3bt PoE DC 48V/1A
Power Consumption	≤ 40W
PoE Power Budget	NA

Specifications

Physical

Environmental

Operating Temperature

0°C to 40°C

Storage Temperature

-40°C to 70°C

Operating Humidity

5% to 95% Noncondensing

Storage Humidity

5% to 95% Noncondensing

IP(Ingress Protection)

NA

Port Surge

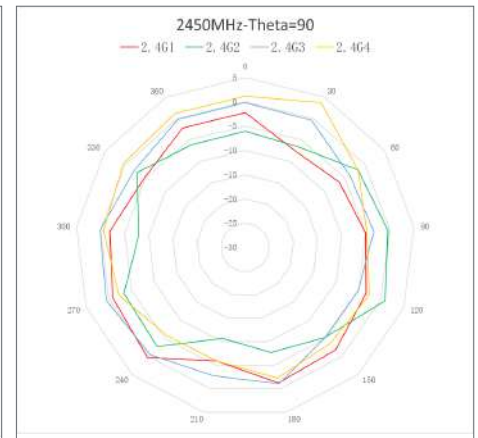
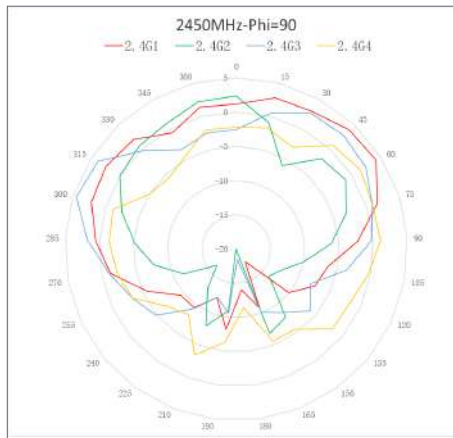
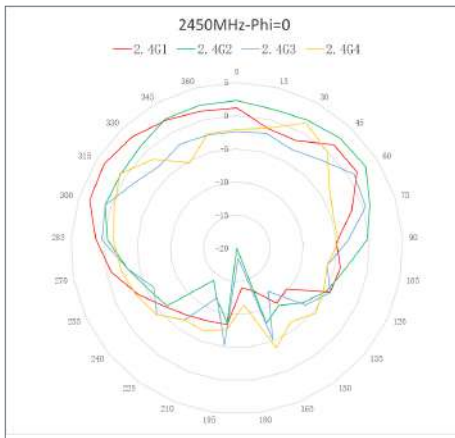
4kV

MTBF

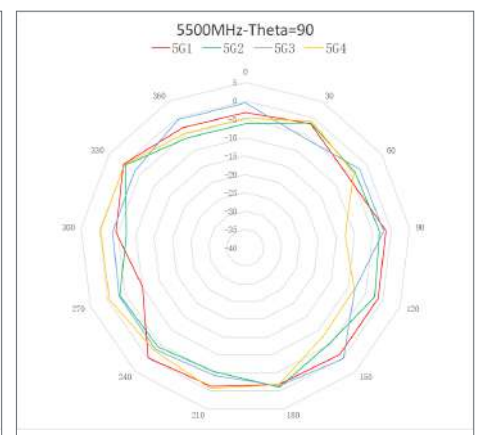
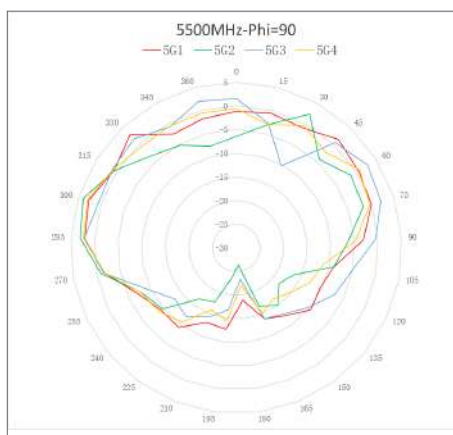
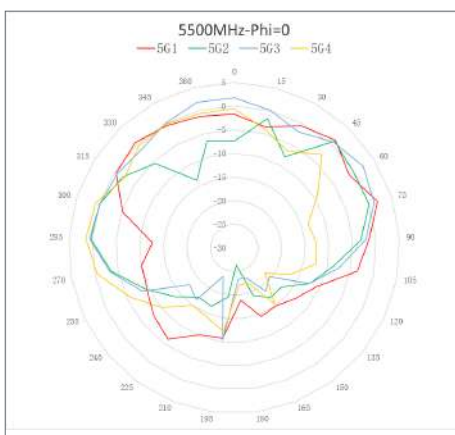
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Antenna Schematic

2.4GHz



5GHz



Package Contents

Package Information	RG-RAP2260(H)
Access Point	1
User Manual	1
Certificate of Quality	1
Screws and Wall Anchors	4
Mounting Bracket	1
Key to Security Lock	1
Package Weight	1.79 kg
Package Dimension (w x d x h)	292mm x 277 mm x 81 mm

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