

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 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

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.

Wireless 5952 Mbps

Wired 5000 Mbps

5Gbps

Easily Install Extra AP with Reyee Mesh

Less wiring, more relaxing.



Highlight Features

More Flexiable Wi-Fi Authentication

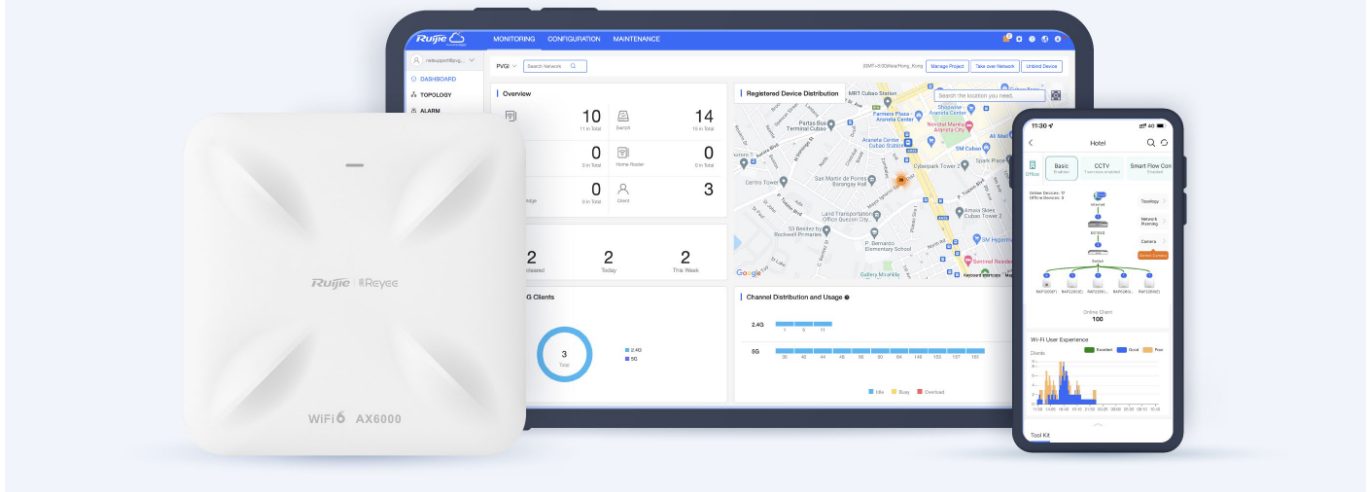
Support standalone captive portal, easy to enable Wi-Fi authentication based on Ruijie Cloud only.*



* 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, 4x4, MU-MIMO 5GHz, 4x4, 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 | Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm United States: 2400-2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm Myanmar : 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm |

Specifications

Basic Feature

| | |
|-----------------------------------|--|
| Fixed Ports | 2 x 100/1000/2500 Base-T ports 1 x Reset button 1 x DC port |
| Max. Clients | 512 |
| Recommended Clients | 130 |
| Max. SSIDs | 8 |
| 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 |
| 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 |

Software Feature

WLAN Basic Features

| | |
|--|---|
| Power Adjustment | ✓ |
| 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 | ✓ |
| Beamforming | ✓ |
| WMM | ✓ |
| Radar Signal Detection and Frequency Hopping (DFS) | ✓ |
| WLAN Security | |
| Max Wi-Fi Password Length | 16 Digits |
| Security Mode | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK |
| Blacklist and Whitelist | ✓ |

Specifications

| Software Feature | |
|---|--|
| Enhanced User Experience | |
| Wi-Fi Optimization | ✓ |
| STA Limit | ✓ |
| Removing Low-RSSI STAs | ✓ |
| Adjusting Sending Rate of Beacon and Probe Response | ✓ |
| Syslog Recording Why Users Lose Connection | ✓ |
| Auto Channel and Power Adjustment on Cloud | ✓ |
| RSSI Threshold for STA Access | ✓ |
| Load Balancing | ✓ |
| Networks | |
| Network Access Mode | PPPoE Client DHCP Client Static IP |
| VLAN | ✓ |
| DHCP Server | ✓ |
| System | |
| Cloud Management | ✓ |
| APP Management | ✓ |
| APP Upgrade | ✓ |
| APP Restart | ✓ |
| Scheduled Restart | ✓ |

Default Access/Password

10.44.77.254

The factory status password: admin

Specifications

System

| | |
|-----------------|--------------------|
| Local Upgrade | ✓ |
| Online Upgrade | ✓ |
| 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

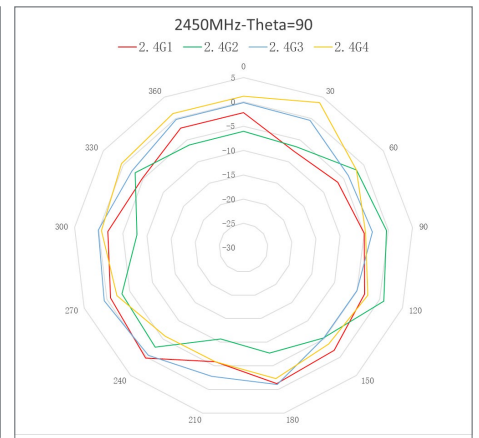
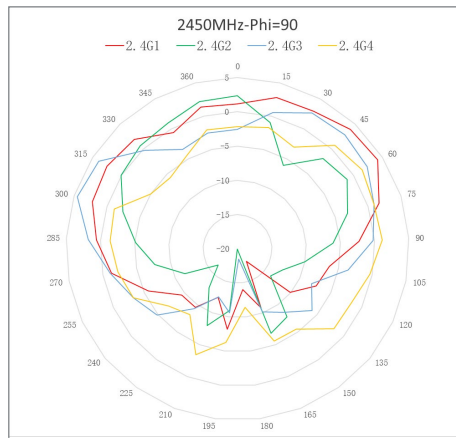
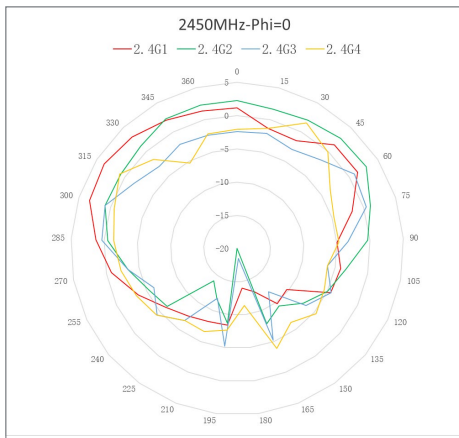
4kV

MTBF

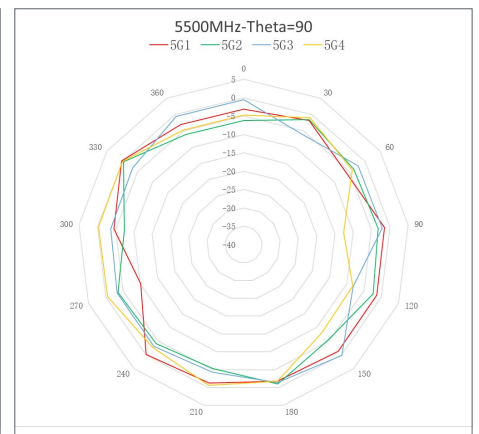
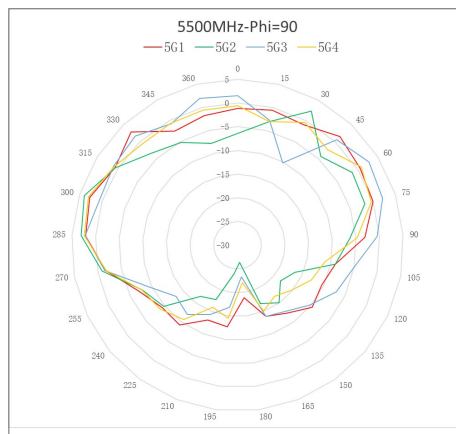
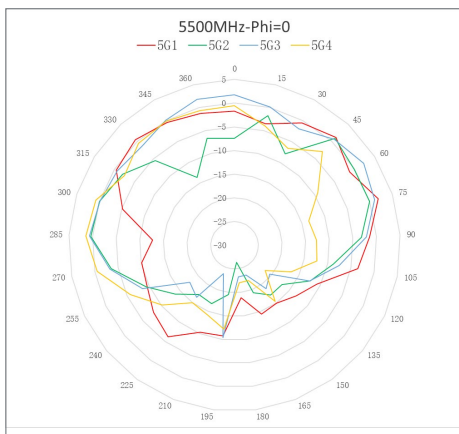
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Antenna Schematic

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 |

Ruijie | Rcycc

 **Redefine your easy network**

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