

# RG-RAP6202(G)

## Reyee Wi-Fi 5 AC1300 Outdoor Omni-directional Access Point

DATASHEET



### Highlights

- 'UFO' design, a perfect blend of wireless technology and artwork
- IP68 protection, rock-solid in harsh environments
- Omni-directional coverage with long range
- Easily add extra outdoor Wi-Fi with Reyee Mesh
- Rack-separated mounting design, easily installation on high

## Highlight Features

### Classic Once More



Wi-Fi 5  
1267Mbps



'UFO'  
Design



Reyee Mesh  
Technology



Free Cloud  
Management

### Rock-solid in Harsh Environments

Adopts completely sealed, waterproof, dustproof, moisture proof and flame-retardant, wind erosion protection, Wide Temperature range, and 4kV surge protection design.



IP68  
Protection



4kV Lighting  
Protection



Wind Erosion  
Protection

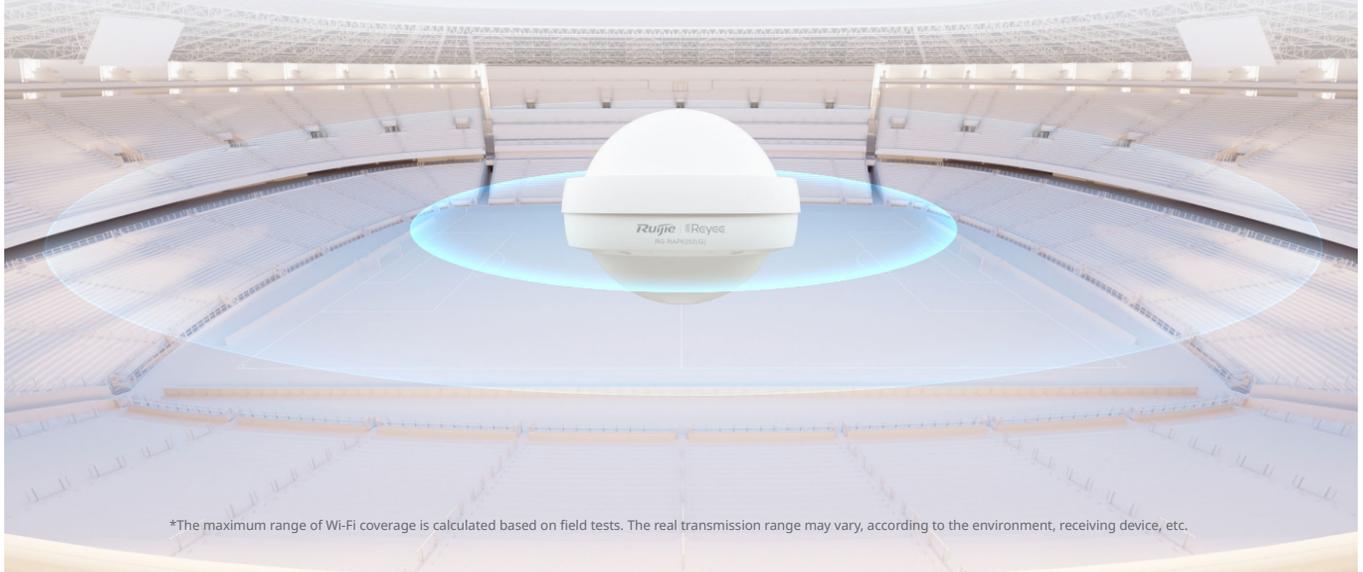


-30°C ~ 65°C  
Flame-Retardant

## Highlight Features

### Omni-directional Coverage with Long Range

Built-in 4 high gain antennas, supports full coverage with radius of 100 meters at 2.4GHz, and 300 meters at 5GHz\*.



\*The maximum range of Wi-Fi coverage is calculated based on field tests. The real transmission range may vary, according to the environment, receiving device, etc.

### Easily Add Extra Outdoor Wi-Fi with Reyee Mesh

Less wiring, more relaxing



# Highlight Features

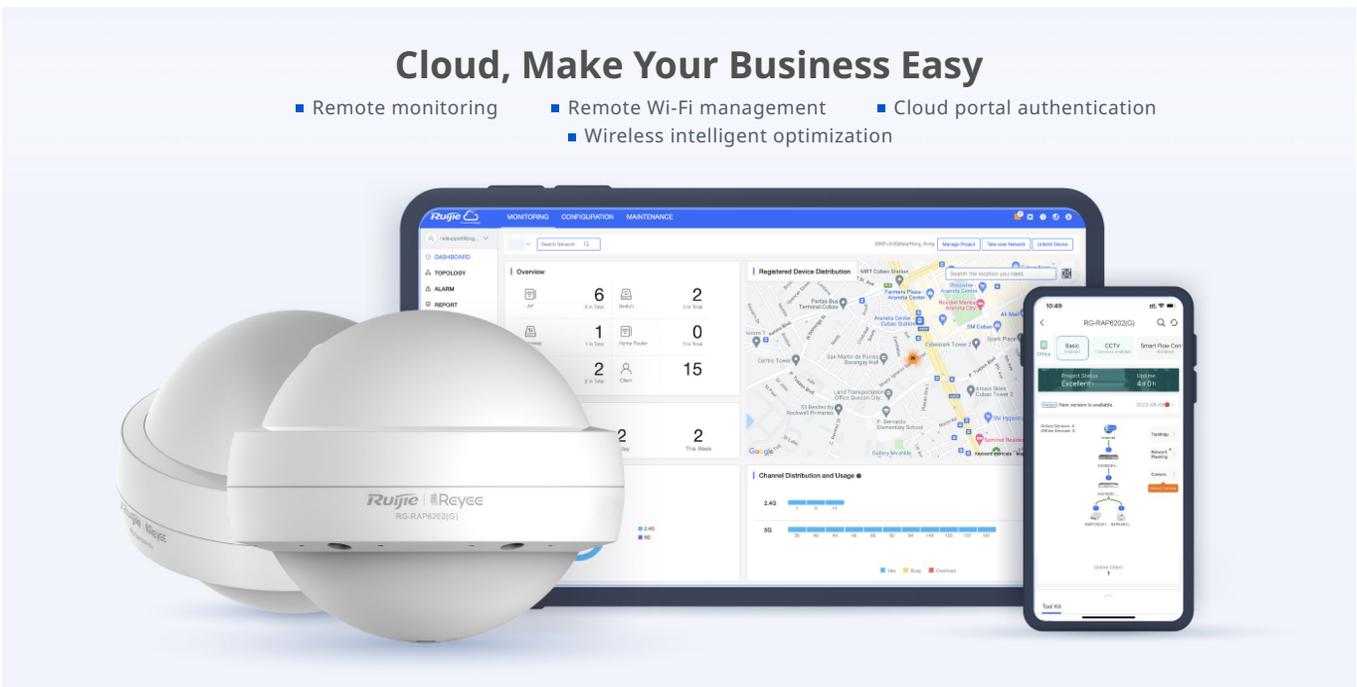
## Easy Installation, Firmly Fixed

Rack-separated mounting design, easily installation on high. Replace plastic cable ties by iron hoop.



## Cloud, Make Your Business Easy

- Remote monitoring
- Remote Wi-Fi management
- Cloud portal authentication
- Wireless intelligent optimization



# Specifications

## Basic Feature

|                     |   |
|---------------------|---|
| Wi-Fi Standards     | Wi-Fi 5 (IEEE 802.11ac Wave2)<br>Wi-Fi 4(IEEE 802.11n)  |
| RF Design           | 2.4 GHz, 2 × 2, MU-MIMO<br>5 GHz, 2 × 2, MU-MIMO  |
| Max. Wi-Fi Speed    | 2.4 GHz: 400 Mbps<br>5 GHz: 867 Mbps  |
| Antenna             | 4   |
| Antenna Type        | Built-In Omnidirectional  |
| Antenna Gain        | 2.4 GHz: 3 dBi<br>5 GHz: 4 dBi  |
| Transmit Power      | EIRP<br>≤ 26 dBm(2.4GHz)<br>≤ 27 dBm(5GHz )<br>country-specific restrictions apply<br>Myanmar:<br>2400 MHz~2483.5 MHz ≤ 20 dBm<br>5150 MHz~5350 MHz ≤ 23 dBm<br>5470 MHz~5850 MHz ≤ 25 dBm<br>Thailand:<br>2400 MHz~2483.5 MHz ≤ 20 dBm<br>5470 MHz~5725 MHz ≤ 25 dBm<br>5725 MHz~5850 MHz ≤ 30 dBm |
| Fixed Ports         | 2 × 10/100/1000 Base-T  |
| Max. Clients        | 110   |
| Recommended Clients | 96  |
| Max. SSIDs          | 8   |

## Software Feature

### WLAN Basic Features

|                  |   |
|------------------|---|
| SSID Hiding      | ✓ |
| Power Adjustment | ✓ |

# Specifications

| Software Feature                                     |                                    |
|--|------------------------------------|
| <b>WLAN Basic Features</b>                           |                                    |
| Roaming  | Layer 2 Roaming<br>Layer 3 Roaming |
| WMM  | ✓                                  |
| Radar Signal Detection and Frequency Hopping         | ✓                                  |
| <b>WLAN Security</b>                                 |                                    |
| Security Mode  | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK;   |
| Blacklist and Whitelist                              | ✓                                  |
| <b>Enhanced User Experience</b>                      |                                    |
| Wi-Fi Optimization                                   | ✓                                  |
| Automatic RF adjustment via the platform             | ✓                                  |
| User Isolation                                       | Layer 2 User Isolation             |
| STA limit  | ✓                                  |
| Removing Low-RSSI STAs                               | ✓                                  |
| Configuring STAs' RSSI Threshold                     | ✓                                  |
| Adjusting Sending Power of Beacon and Probe Response | ✓                                  |
| Auto Channel and Power Adjustment on Cloud           | ✓                                  |
| RSSI Threshold for STA Access                        | ✓                                  |
| Quick channel adjustment (auto channel selection)    | ✓                                  |
| <b>Networks</b>                                      |                                    |
| Network Access Mode                                  | DHCP Client                        |
| VLAN   | ✓                                  |

# Specifications

## System

|                   |   |
|-------------------|---|
| Cloud Management  | ✓ |
| App Management    | ✓ |
| App Upgrade       | ✓ |
| App Restart       | ✓ |
| Scheduled Restart | ✓ |
| Local Upgrade     | ✓ |
| Online Upgrade    | ✓ |
| Factory Reset     | ✓ |

## WLAN Features

|                                   |  |
|-----------------------------------|--|
| Frequency Bandwidth               | 2.4 GHz: 20/40 MHz<br>5 GHz: 20/40/80 MHz  |
| Recommended Wi-Fi Coverage Radius | 2.4GHz: 50m, 5GHz: 150m  |
| Max. Wi-Fi Coverage Radius        | 2.4GHz: 100m, 5GHz: 300m   |
| Operation Frequency Bands         | 802.11b/g/n: 2.400 GHz to 2.483 GHz<br>802.11a/n/ac: 5.150 GHz to 5.350 GHz<br>802.11a/n/ac: 5.470 to 5.725 GHz , 5.725 to 5.850 GHz<br>country-specific restrictions apply  |
| Receive Sensitivity               | 802.11b: -91 dBm(1Mbps), -88 dBm(5.5Mbps), -85 dBm(11Mbps)<br>802.11a/g: -89 dBm(6Mbps), -80 dBm(24Mbps), -76 dBm(36Mbps), -71 dBm(54Mbps)<br>802.11n: -83 dBm@MCS0, -65 dBm@MCS7, -83 dBm@MCS8, -65 dBm@MCS15<br>802.11ac VHT20: -83 dBm(MCS0), -57 dBm(MCS9)<br>802.11ac VHT40: -79 dBm(MCS0), -57 dBm(MCS9)<br>802.11ac VHT80: -76 dBm(MCS0), -51 dBm(MCS9) |

## Physical

|                        |   |
|------------------------|---|
| LED Indicator          | 3 × System LED Indicator                            |
| Buttons                | 1 × Reset Button                                    |
| Dimensions (W x D x H) | 200 mm × 220 mm × 166 mm (Without Mounting Bracket) |
| Weight                 | 1.0 kg (Without Mounting Bracket)                   |

# / Specifications

## Physical

### Power

Power Supplies

IEEE 802.3af/802.3at PoE  
DC 12V/1.5A

Power Consumption

≤ 13W

DC Port Dimensions

Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm

### Environmental

Operating Temperature

-30°C to 65°C

Storage Temperature

-40°C to 85°C

Operating Humidity

0% to 100% (Noncondensing)

Storage Humidity

0% to 100% (Noncondensing)

IP(Ingress Protection)

IP68

Port Surge

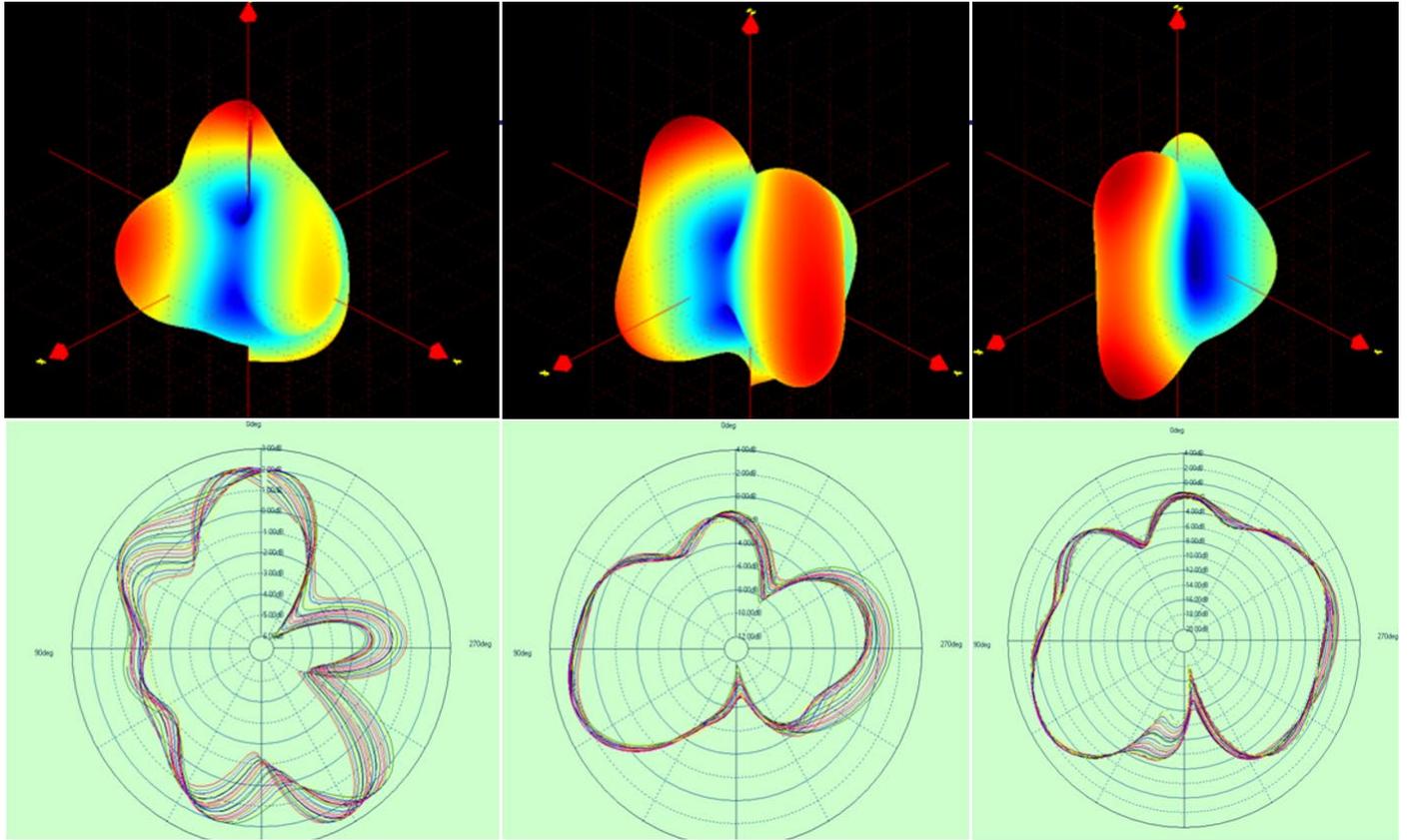
4 kV

MTBF

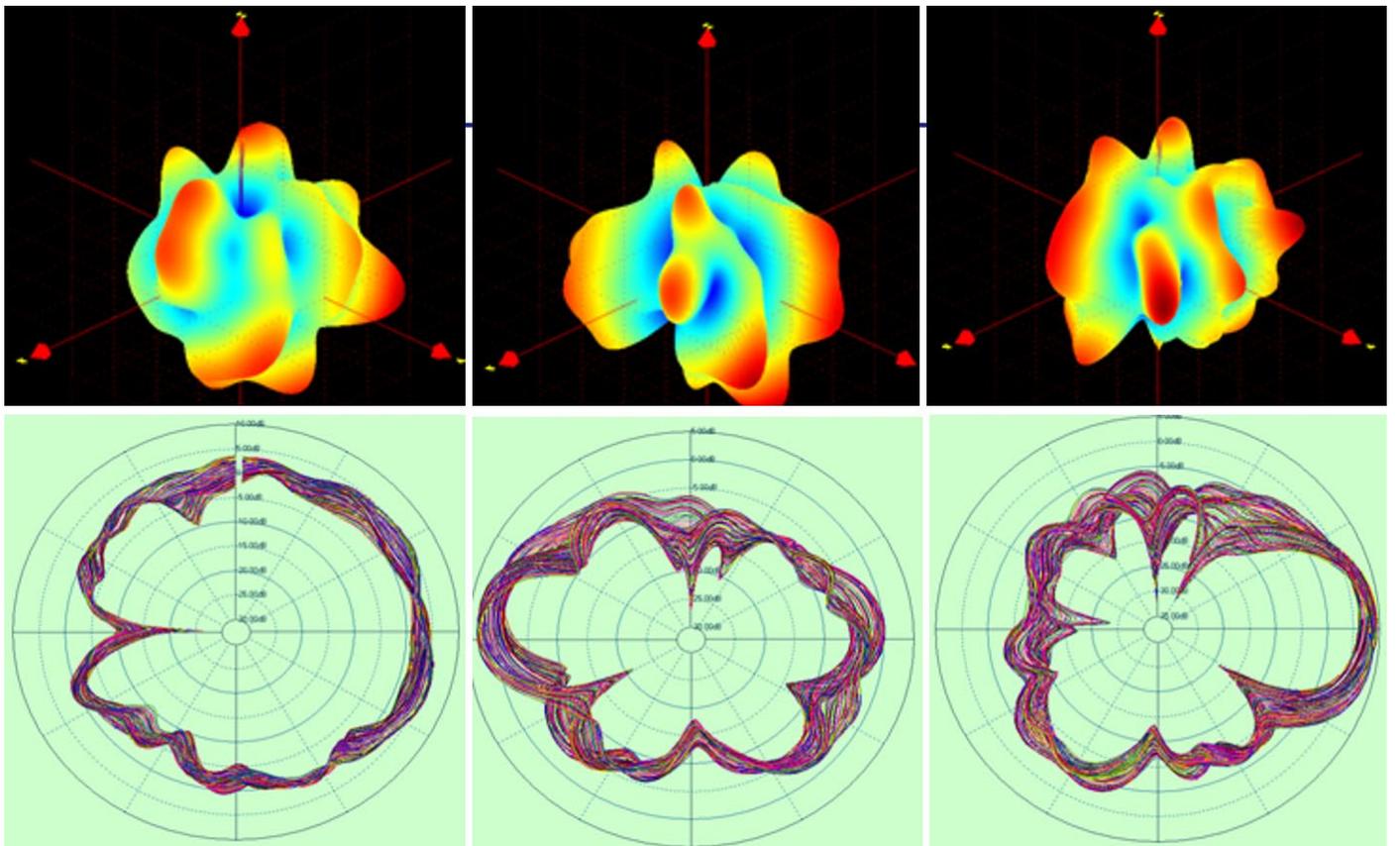
>250000H

# Antenna Schematic

2.4GHz Pattern:



5GHz Pattern:



## Package Contents

| Package Information            | RG-RAP6202(G)            |
|--------------------------------|--------------------------|
| RG-RAP6202(G) Access Point     | 1                        |
| User Manual                    | 1                        |
| Pole Clamps                    | 2                        |
| Mounting Plate                 | 1                        |
| Expansion Bolts (M8*60)        | 4                        |
| M8*20 Screws                   | 2                        |
| Cable Glands (Pre-installed)   | 2                        |
| Connecting Rod (Pre-installed) | 1                        |
| Warranty Card                  | 1                        |
| Package Weight                 | 2.73 kg                  |
| Package Dimension (w x d x h)  | 472 mm x 257 mm x 223 mm |

**Ruijie** | Rcycc

 **Redefine your easy network**

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