# RG-RAP6262(G)
# Reyee Wi-Fi 6 AX1800 Outdoor Omni-directional Access Point

DATASHEET



## Highlights

- 'UFO' design, a perfect blend of Wi-Fi 6 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



## A Perfect Blend of Wi-Fi 6 Technology and Artwork

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| Wi-Fi 6 1775Mbps | '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.

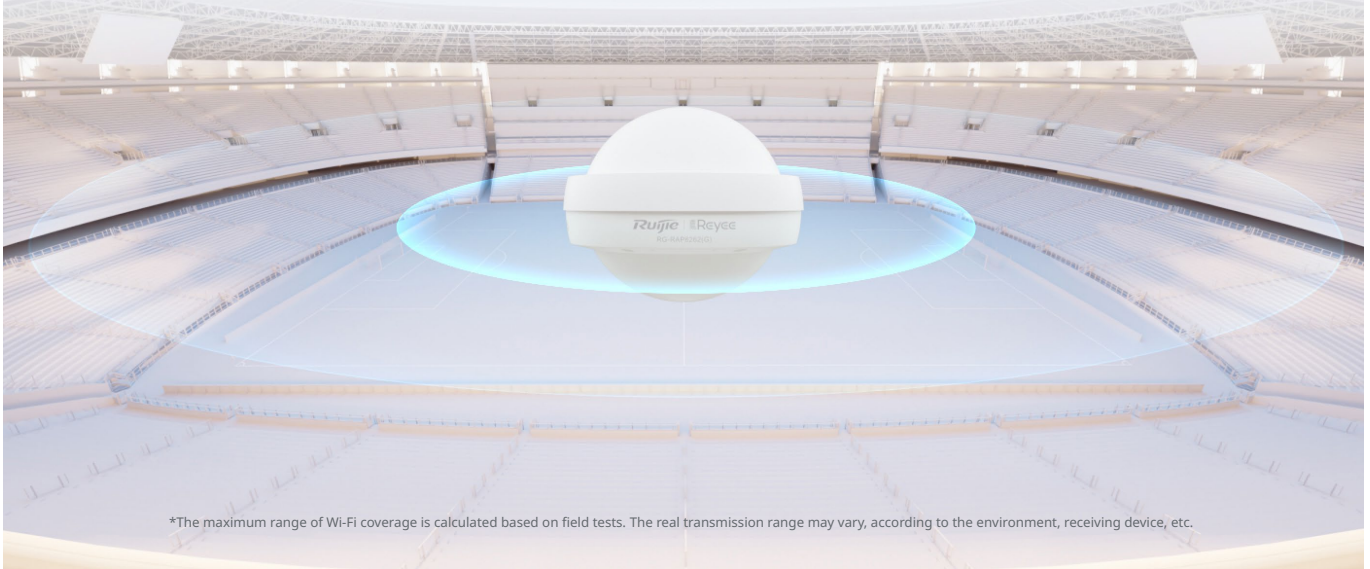| IP68 Protection | 4kV Lighting Protection | Wind Erosion Protection | -30°C ~ 65°C Flame-Retardant |

## 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
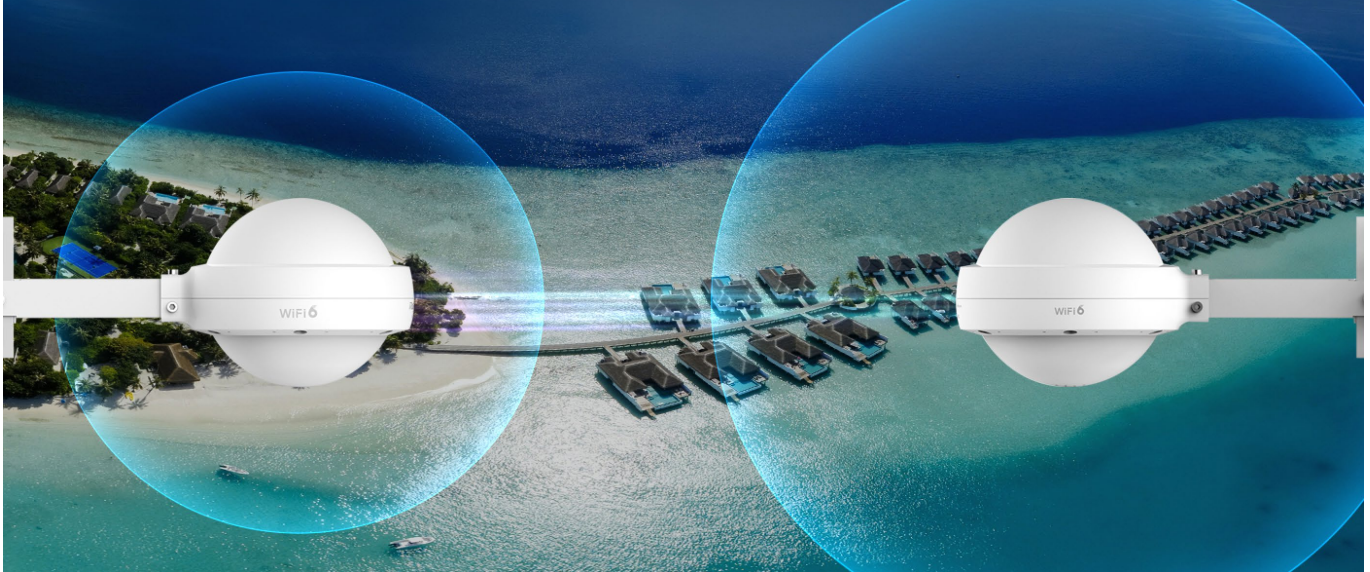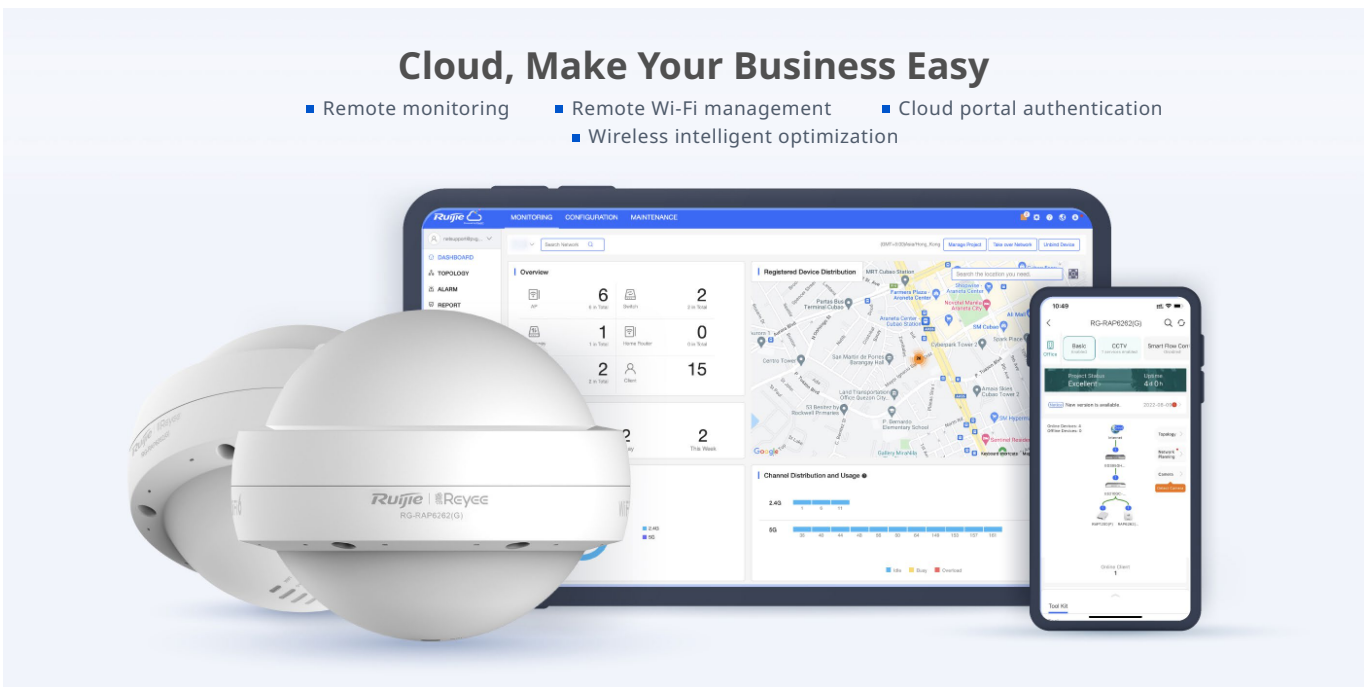
# Highlight Features



## 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 6 (IEEE 802.11ax)<br>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: 574 Mbps<br>5 GHz: 1201 Mbps |
| Flash | 16M |
| Memory | 256M |
| Antenna | 4 |
| Antenna Type | Built-in Omnidirectional |
| Antenna Gain | 2.4 GHz: 3 dBi<br>5 GHz: 4 dBi |
| Transmit Power | Frequency bands using and the max EIRP:<br>Note: Country specific restrictions apply<br>**European Union & United Kingdom**<br>2400-2483.5 MHz, EIRP$\leq$ 20 dBm<br>5470-5725 MHz, EIRP$\leq$ 30 dBm<br>**United States:**<br>2400-2483.5 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>5150-5250 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>5250-5350 MHz, max output power<24dBm & EIRP $\leq$ 30 dBm<br>5470-5725 MHz, max output power<24dBm & EIRP $\leq$ 30 dBm<br>5725-5825 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>**Myanmar :**<br>2400-2483.5 MHz, EIRP $\leq$ 23 dBm<br>5725-5825 MHz, EIRP $\leq$ 30 dBm<br>**Thailand:**<br>2.4 GHz to 2.4835 GHz: 20 dBm<br>5.470 GHz to 5.725 GHz: 30 dBm<br>5.725 GHz to 5.825 GHz: 30 dBm<br>**Indonesia:**<br>2400-2483.5MHz, EIRP $\leq$ 36 dBm<br>5725-5825MHz, EIRP $\leq$ 36 dBm<br>**Egypt:**<br>2400-2483.5 MHz, EIRP $\leq$ 20 dBm<br>5150-5350 MHz, EIRP $\leq$ 23 dBm |
| Fixed Ports | 2 × 10/100/1000 Base-T |
| Max. Clients | 256 |

# Specifications

| Software Feature | |
|---|---|
| **WLAN Basic Features** | |
| Recommended Clients | 100 |
| Max. SSIDs | 8 |
| SSID Hiding | ✓ |
| Power Adjustment | ✓ |
| Roaming | Layer 2 Roaming<br>Layer 3 Roaming<br>802.11k/v/r |
| OFDMA | ✓ |
| Target wake time (TWT)* | ✓ |
| WMM | ✓ |
| Radar Signal Detection and Frequency Hopping (DFS) | ✓ |
| **WLAN Security** | |
| Security Mode | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK; |
| Blacklist and Whitelist | ✓ |
| **Enhanced User Experience** | |
| 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 | ✓ |
| Average Speed Threshold | ✓ |
| Adjusting Sending Rate of Beacon and Probe Response | ✓ |

## / Specifications

**BRYCO**

| Software Feature | |
|---|---|
| Syslog Recording Why Users Lose Connection | ✓ |
| Auto Channel and Power Adjustment on Cloud | ✓ |
| RSSI Threshold for STA Access | ✓ |
| **Networks** | |
| Quick channel adjustment (auto channel selection) | ✓ |
| Network Access Mode | DHCP Client |
| VLAN | ✓ |

| System | |
|---|---|
| Cloud Management | ✓ |
| App Management | ✓ |
| App Upgrade | ✓ |
| App Restart | ✓ |
| Default Access/Password | ✓ |
| Scheduled Restart | 10.44.77.254 The factory status password: admin |
| Local Upgrade | ✓ |
| Online Upgrade | ✓ |
| Factory Reset | ✓ |

| WLAN Features | |
|---|---|
| Frequency Bandwidth | 2.4 GHz: 20/40 MHz 5 GHz: 20/40/80 MHz |
| Recommended Wi-Fi Coverage Radius | 2.4 GHz: 50m, 5 GHz: 150m |
| Max. Wi-Fi Coverage Radius | 2.4 GHz: 100m, 5 GHz: 300m |

# Specifications

| WLAN Features | |
|---|---|
| Operation Frequency Bands | 802.11b/g/n/ax: 2.400 GHz to 2.483 GHz<br>802.11a/n/ac: 5.150 GHz to 5.350 GHz<br>802.11a/n/ac/ax: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz<br>country-specific restrictions apply |
| Receive Sensitivity | |

| 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 | 1.2 kg (Without Mounting Bracket) |
| **Power** | |
| Power Supplies | IEEE 802.3at PoE<br>DC 12V/1.5A |
| Power Consumption | ≤ 18W |
| 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:
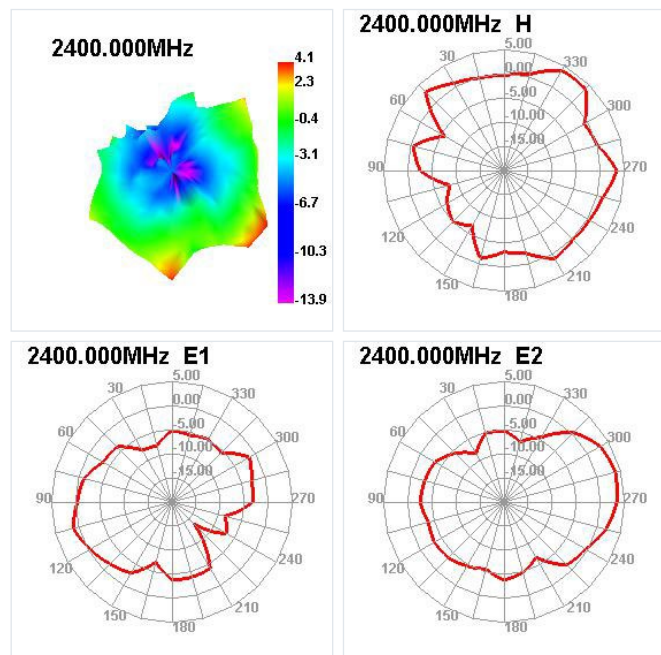


5GHz Pattern:
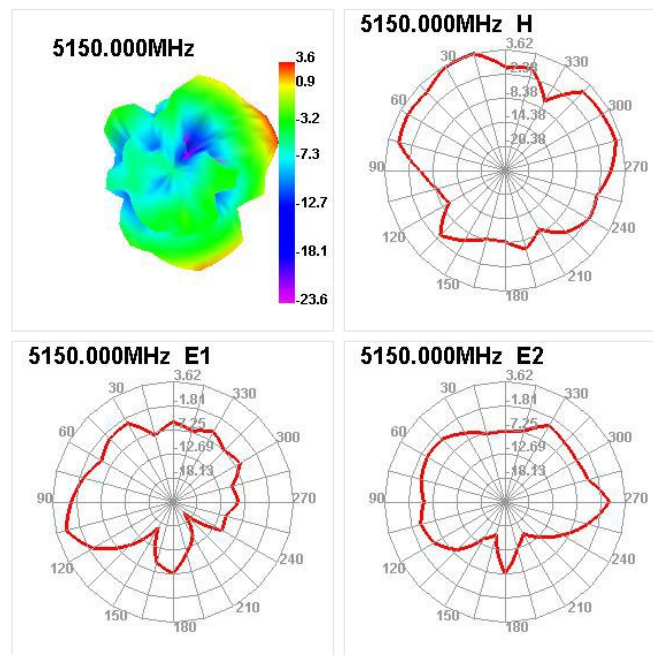


# Package Contents

| Package Information | RG-RAP6262(G) |
|---|---|
| RG-RAP6262(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 | 2.94 kg |
| Package Dimension (w x d x h) | 466 mm x 257 mm x 217 mm |

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