

# 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



WiFi 6  
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 Lightning  
Protection

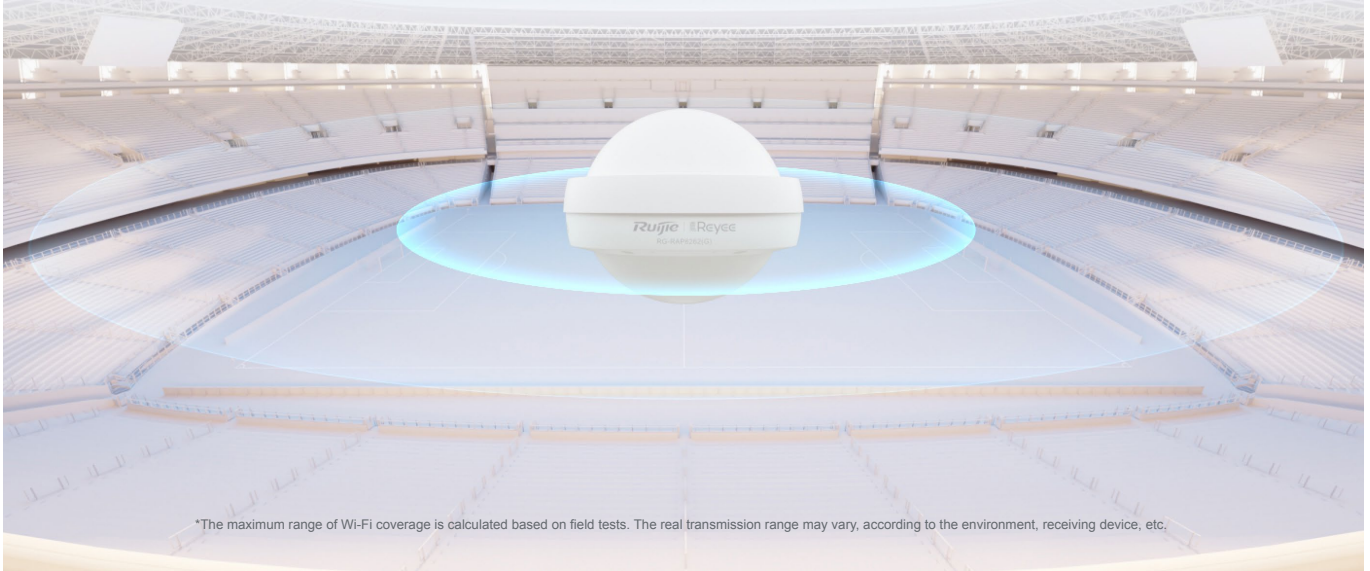
Wind Erosion  
Protection

-30°C ~ 65°C  
Flame-Retardant

## Highlight Features

### Omni-directional Coverage with Long Range

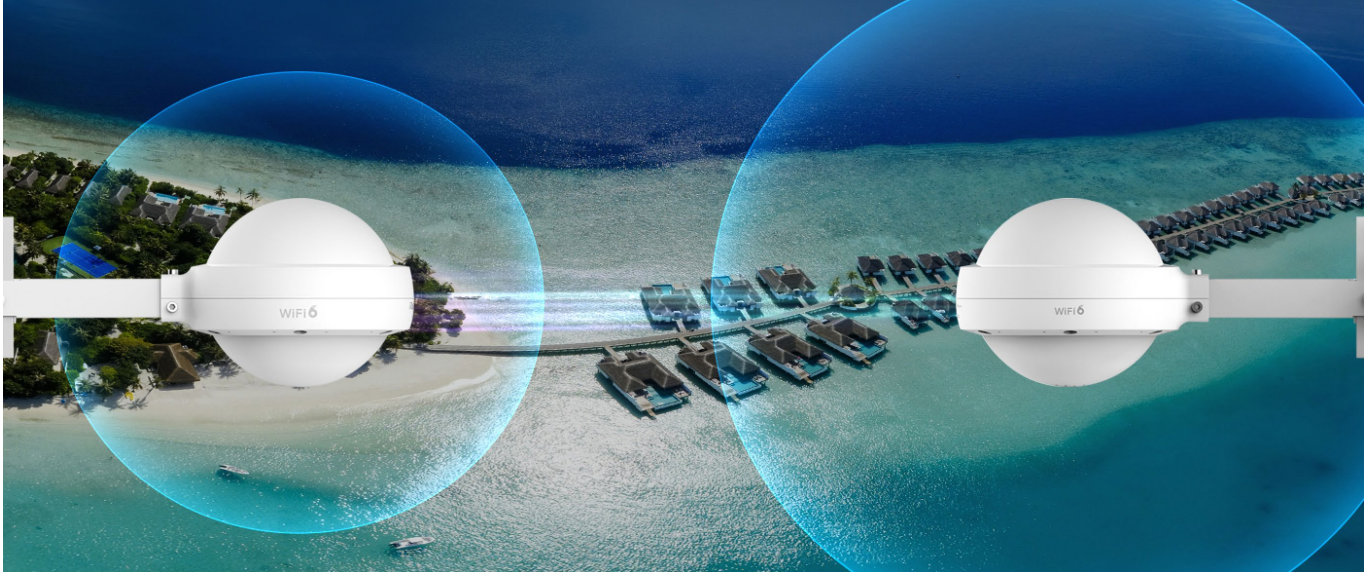
Built-in 4 high gain antennas, supports full coverage with radius of 100 meters at 2.4GHz, and 300 meters at 5GHz\*.



\*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 Reeye Mesh

Less wiring, more relaxing



# Highlight Features

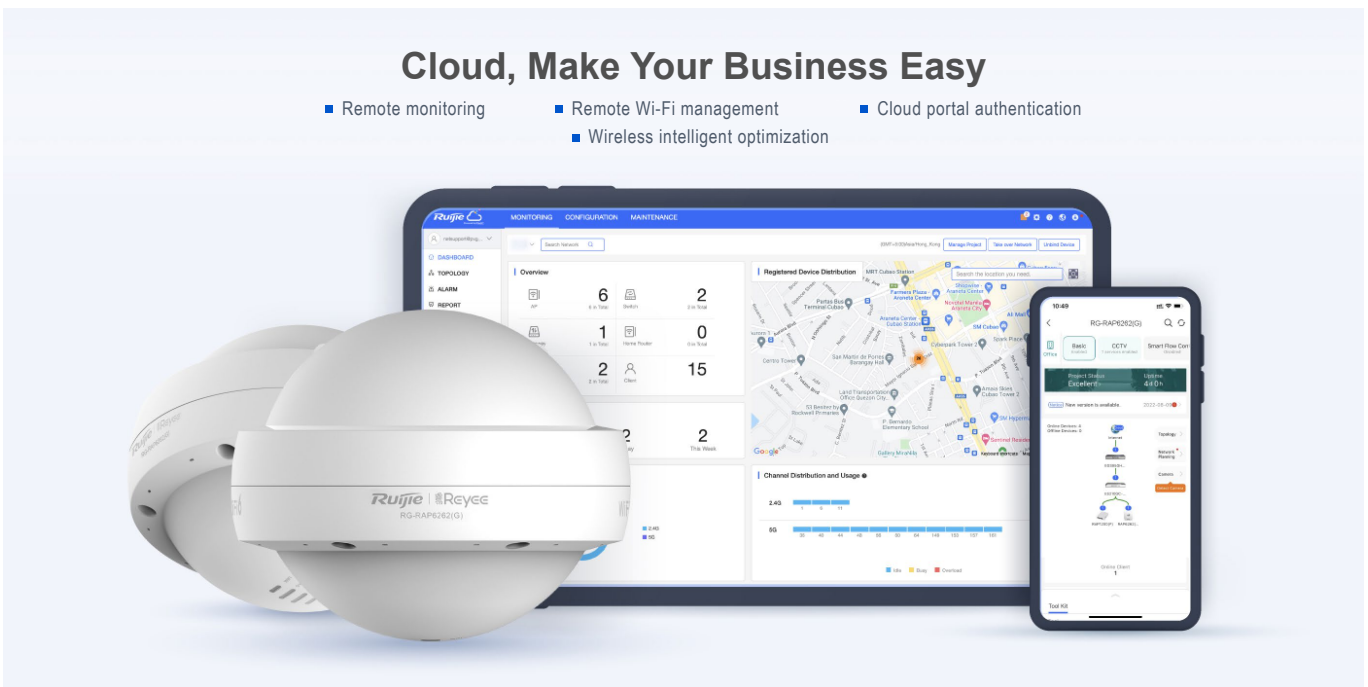
## Easy Installation, Firmly Fixed

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) Wi-Fi 5 (IEEE 802.11ac Wave2) Wi-Fi 4(IEEE 802.11n)
RF Design	2.4 GHz, 2 × 2, MU-MIMO 5 GHz, 2 × 2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps
Flash	16M
Memory	256M
Antenna	4
Antenna Type	Built-in Omnidirectional
Antenna Gain	2.4 GHz: 3 dBi 5 GHz: 4 dBi
Transmit Power	EIRP ≤ 26 dBm(2.4 GHz) ≤ 25 dBm(5 GHz ) 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 5725 MHz~5850 MHz ≤ 30 dBm
Fixed Ports	2 × 10/100/1000 Base-T
Max. Clients	256
Recommended Clients	100
Max. SSIDs	8
Software Feature	
WLAN Basic Features	
SSID Hiding	✓
Power Adjustment	✓

# Specifications

Software Feature	
<b>WLAN Basic Features</b>	
Roaming	Layer 2 Roaming Layer 3 Roaming
OFDMA	✓
Target wake time (TWT)*	✓
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	✓
Average Speed Threshold	✓
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	✓

# Specifications

## Software Feature

### Networks

Quick channel adjustment (auto channel selection) ✓

Network Access Mode DHCP Client

VLAN ✓

## 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  
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

Operation Frequency Bands  
802.11b/g/n/ax: 2.400 GHz to 2.483 GHz  
802.11a/n/ac: 5.150 GHz to 5.350 GHz  
802.11a/n/ac/ax: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz  
country-specific restrictions apply

Receive Sensitivity

## Physical

LED Indicator  
3 × System LED Indicator

# Specifications

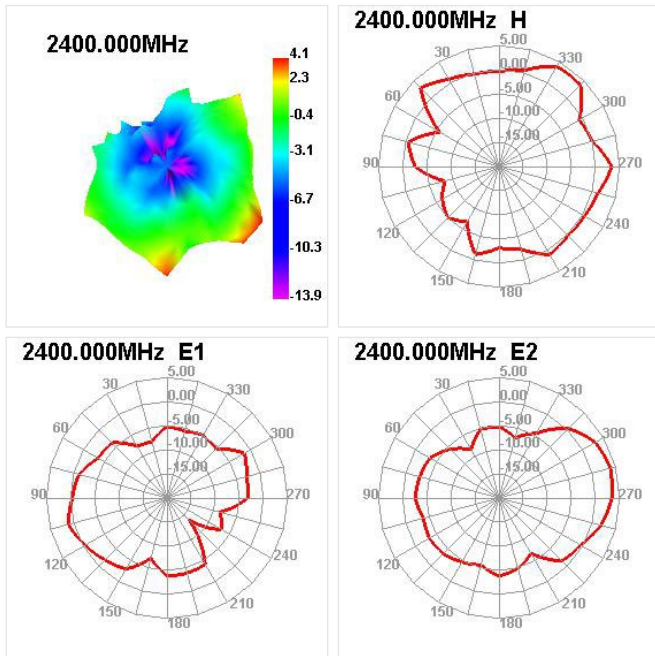
## Physical

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)
<b>Power</b>	
Power Supplies	IEEE 802.3at PoE DC 12V/1.5A
Power Consumption	≤ 18W
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
<b>Environmental</b>	
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

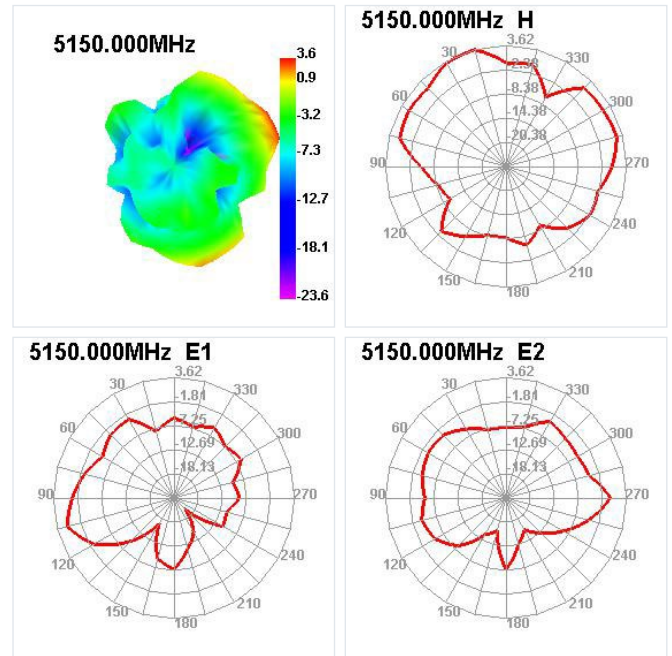


# Antenna Schematic

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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