

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



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

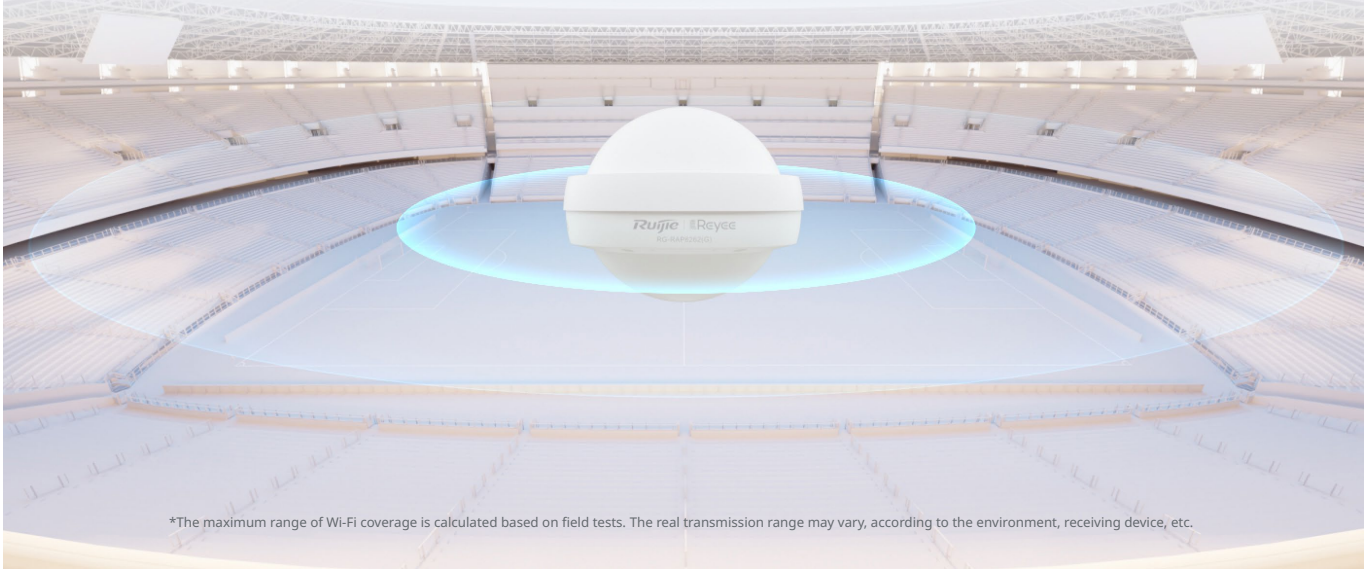


-30°C ~ 65°C
Flame-Retardant



Omni-directional Coverage with Long Range

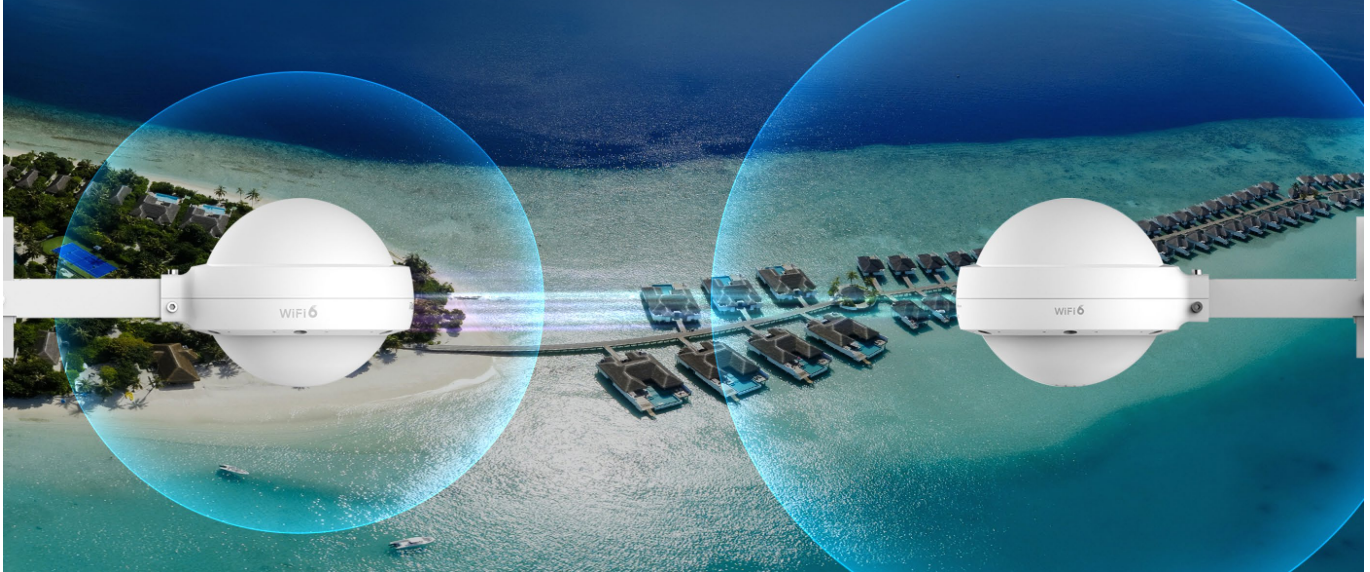
Built-in 4 high gain antennas, supports full coverage with radius of 100 meters at 2.4GHz, and 300 meters at 5GHz*.



*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 Reeye Mesh

Less wiring, more relaxing



Highlight Features

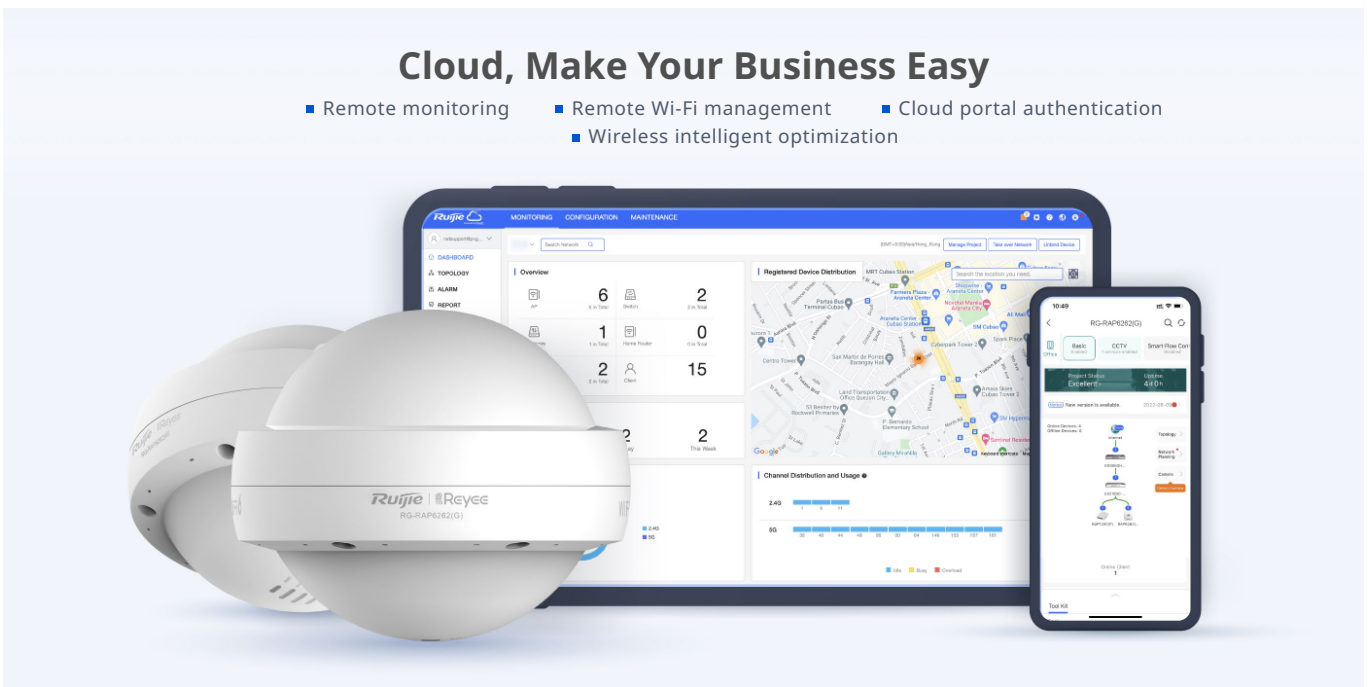
Easy Installation, Firmly Fixed

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	<p>Frequency bands using and the max EIRP: Note: Country specific restrictions apply</p> <p>European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5470-5725 MHz, EIRP ≤ 30 dBm</p> <p>United States: 2400-2483.5 MHz, max output power ≤ 30dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power ≤ 30dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power < 24dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power < 24dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power ≤ 30dBm & EIRP ≤ 36 dBm</p> <p>Myanmar : 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm</p> <p>Thailand: 2.4 GHz to 2.4835 GHz: 20 dBm 5.470 GHz to 5.725 GHz: 30 dBm 5.725 GHz to 5.825 GHz: 30 dBm</p> <p>Indonesia: 2400-2483.5MHz, EIRP ≤ 36 dBm 5725-5825MHz, EIRP ≤ 36 dBm</p> <p>Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm</p>
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 Layer 3 Roaming 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

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 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
---------------	--------------------------

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 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)
------------------	----------------------------

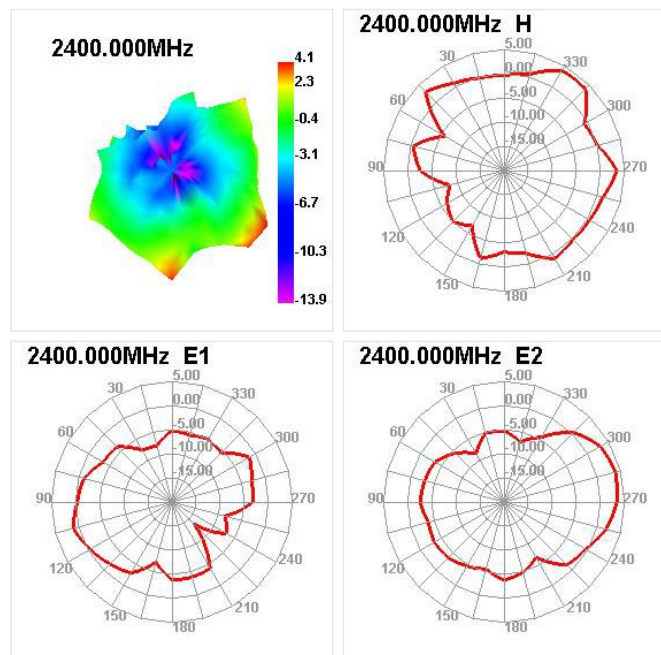
IP(Ingress Protection)	IP68
------------------------	------

Port Surge	4 kV
------------	------

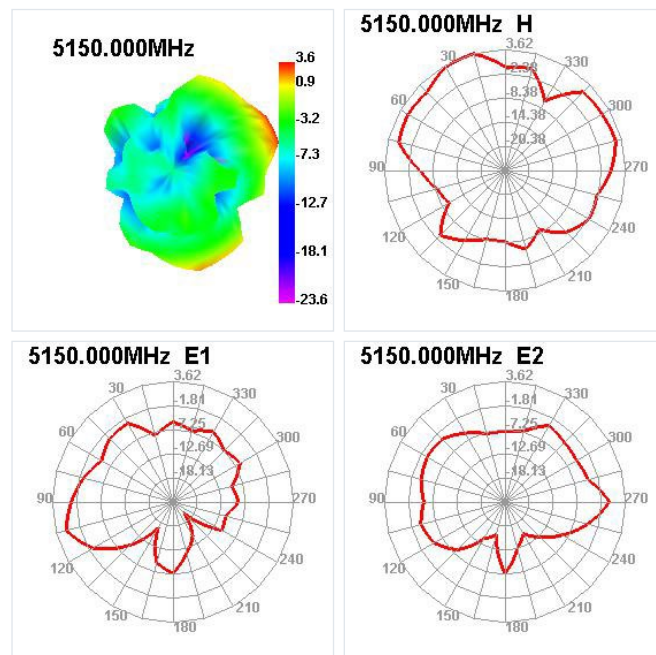
MTBF	>250000H
------	----------

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

Ruijie | Rcycc

 **R**edefine your **e**asy network

Copyright ©2000-2023 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.
Building 19, Juyuanzhou Industrial Park, No.618 Jinshan
Road, Cangshan District, Fuzhou, Fujian, China
Website: <https://www.ruijienetworks.com>