

RG-RAP6262

Wi-Fi 6 AX3000 High Performance Outdoor Access Point

DATASHEET



Highlights

- 'UFO' design, a perfect blend of high performance and full coverage.
- Enter the era of ultra-high Wi-Fi 6 speed.
- Extra-distance access point deployment with SFP port.
- IP68 protection, rock-solid in harsh environments.
- Easily expand extra outdoor Wi-Fi with Reyee Mesh.

Highlight Features

A Perfect Blend of High Performance and Full Coverage



WiFi 6
Wi-Fi 6
AX3000

Omni-directional
Antennas

SFP
Port

Reyee
Mesh

Free Cloud
Management

Enter the Era of Ultra-high Wi-Fi 6 Speed

With a revolutionary combination of OFDMA and 1024QAM, the latest 802.11ax standard, and the 160MHz band,

RG-RAP6262 wireless aggregation rate reaches 2.976Gbps.

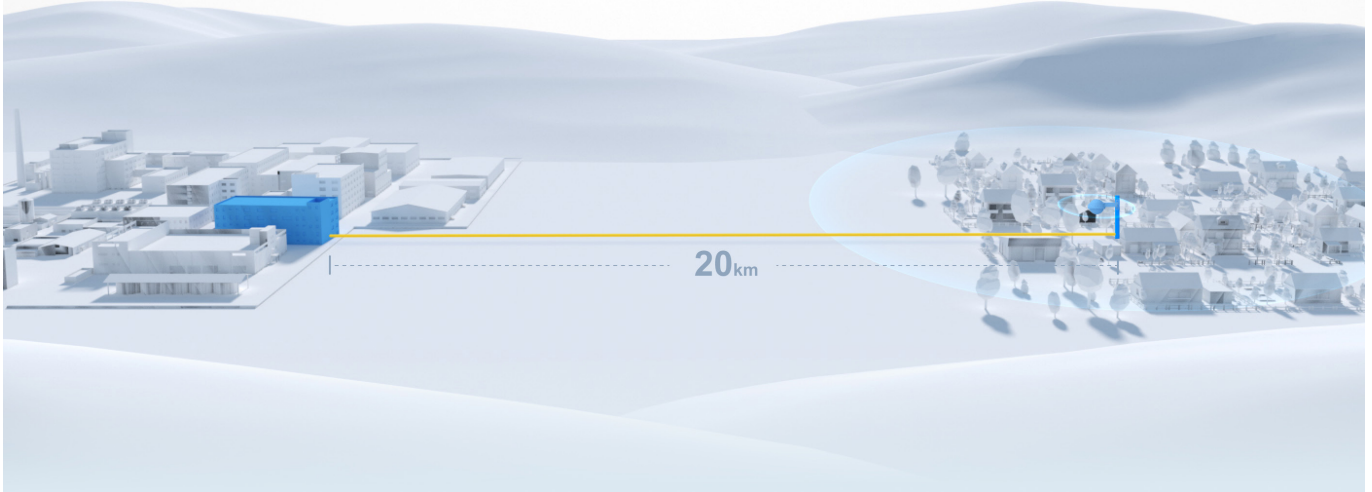
RG-RAP6262		2976 Mbps
RG-RAP6262(G)		1775 Mbps



Highlight Features

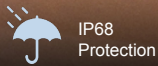
Support Extra-Distance Access Point Deployment

With gigabit SFP port, the device supports up to 20km transmission from datacenter with single mode fiber



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

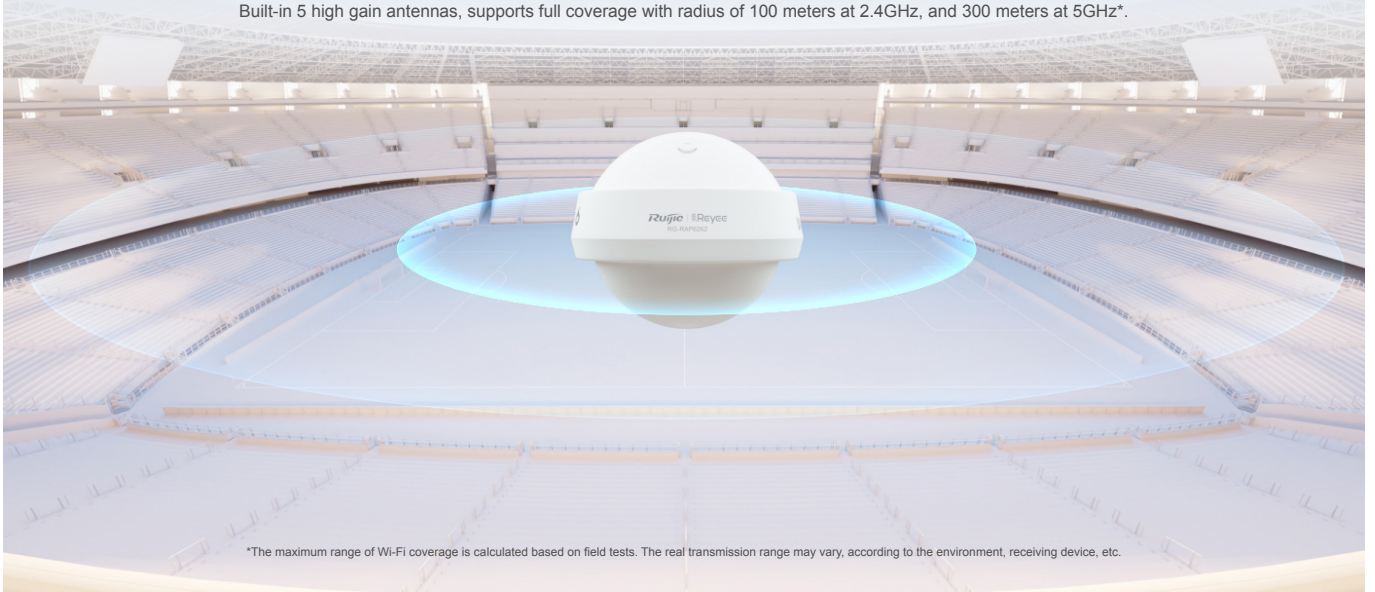


-30°C ~ 65°C
Flame-Retardant

Highlight Features

Omni-directional Coverage with Long Range

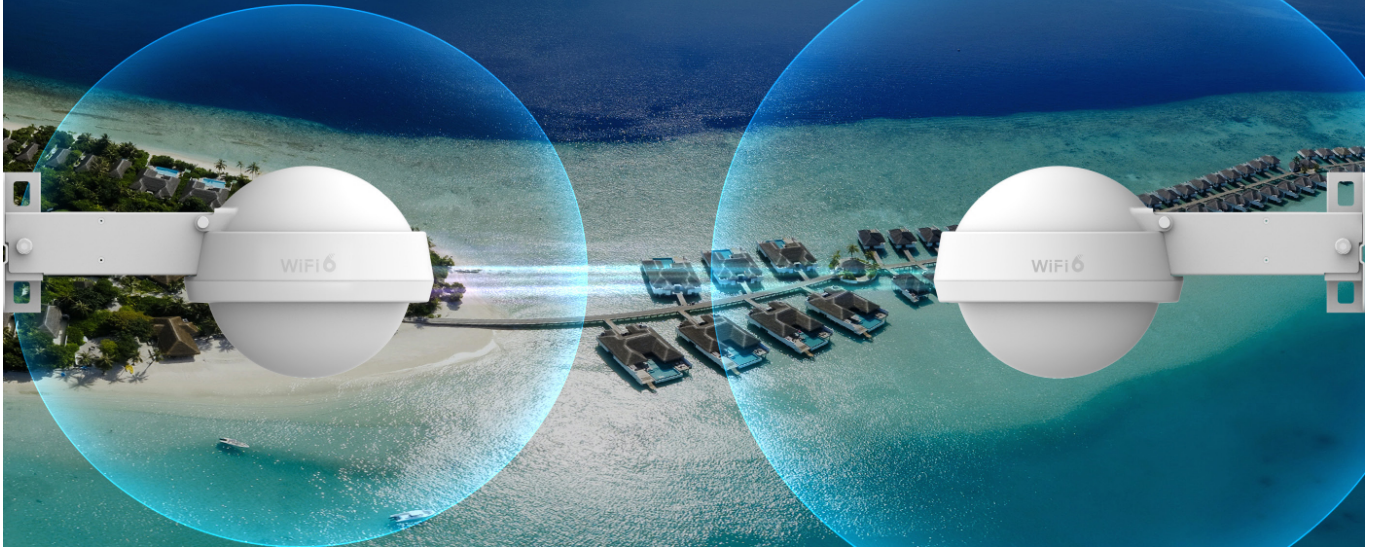
Built-in 5 high gain antennas, supports full coverage with radius of 100 meters at 2.4GHz, and 300 meters at 5GHz*.



*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 Expand Extra Outdoor Wi-Fi with Reyee Mesh

Less wiring, more relaxing



Highlight Features

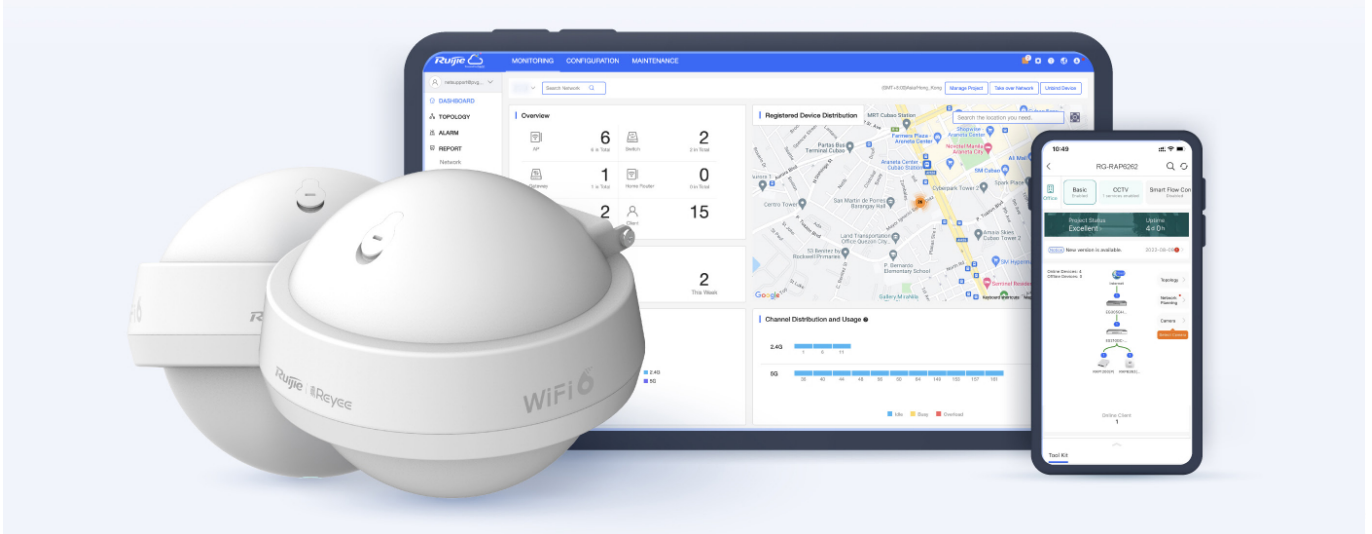
Easy Installation, Firmly Fixed

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) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 2×2, MU-MIMO 5GHz, 2×2, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 574Mbps 5GHz: 2402Mbps
Antenna	5
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4GHz:4.38dBi 5 GHz: 7.5dBi
Transmit Power	EIRP: ≤32dBm (2.4GHz) ≤34.7dBm (5GHz) 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	1 × 10/100/1000 Base-T port 1 × 1GBase-X SFP port 1 × DC port 1 × Reset button
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8
Recommended Wi-Fi Coverage Radius	2.4GHz: 50 meters 5GHz: 150 meters

The Wi-Fi coverage is related to the installation environment of the access point.

Specifications

Basic Feature

Max. Wi-Fi Coverage Radius	300 Meters
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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
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Software Feature

WLAN Basic Features

Power Adjustment	✓
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Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
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Roaming	Layer 2 roaming Layer 3 roaming
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OFDMA	✓
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Beamforming	✓
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WMM	✓
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Radar Signal Detection and Frequency Hopping (DFS)	✓
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WLAN Security

Wi-Fi Password	16 Digits
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Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
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Blacklist and Whitelist	✓
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Enhanced User Experience

Wi-Fi Optimization	✓
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STA Limit	✓
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Removing Low-RSSI STAs	✓
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Adjusting Sending Rate of Beacon and Probe Response	✓
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Specifications

Software Feature	
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	10.44.77.253 No Password Required by Default
Local Upgrade	✓
Online Upgrade	✓
Dual-bin Backup	✓
Factory Reset	✓
Language	Chinese English
System Log	✓

Specifications

System

Diagnostics

✓

Network Check

✓

Physical

LED Indicator

1 × System LED indicator
1 × Wi-Fi LED indicator
1 × SFP LED indicator
1 × LAN LED indicator

Buttons

1 × Reset button

Dimensions (W × D × H)

230 mm x 230 mm x 195 mm (Without Mounting Bracket)

Weight

≤1.4 kg (Without Mounting Bracket)

DC Port Dimensions

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

Installation

Wall-Mountable/Pole-Mountable

Mounting Bracket
Dimensions (W × D × H)

155mm x 129mm x 35mm

Mounting Hole Pattern

65 mm x 110 mm

Mounting Hole Diameter

9 mm

Pole Diameter

70 mm to 140 mm

Power Supplies

IEEE 802.3at PoE
DC 12V/2A

Power Consumption

< 24W

PoE Power Budget

NA

Environmental

Operating Temperature

-30°C ~ 65°C

Storage Temperature

-40°C ~ 85°C

Operating Humidity

0% ~ 100% Noncondensing

Specifications

Physical

Storage Humidity 0% ~ 100% Noncondensing

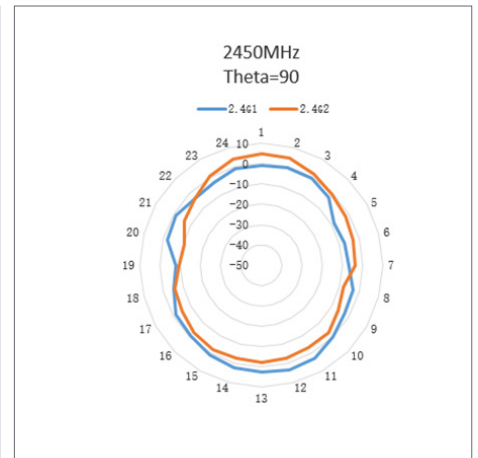
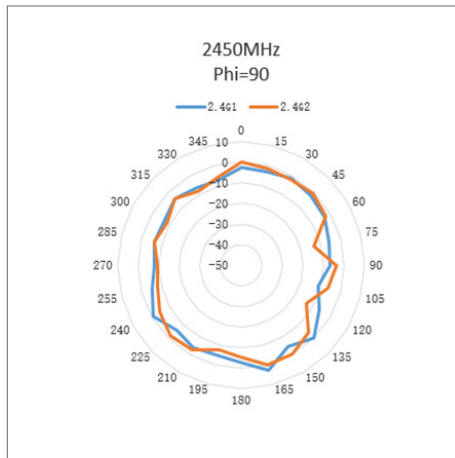
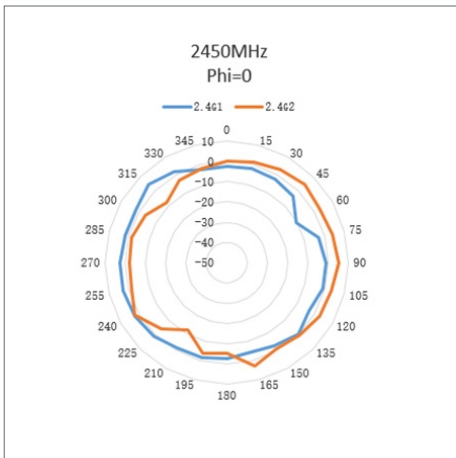
IP(Ingress Protection) IP68

Port Surge 4kV

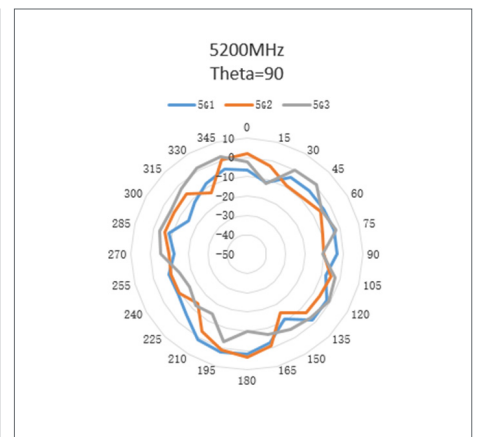
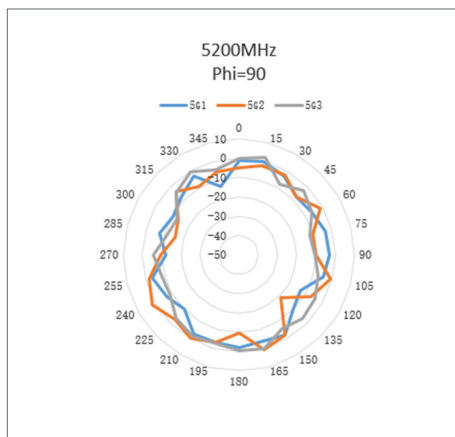
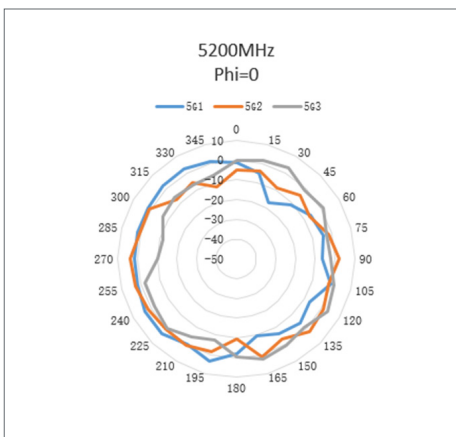
MTBF > 400000H

Antenna Schematic

2.4GHz



5GHz



Package Contents

Package Information	RG-RAP6262
Access Point	1
Power Adapter	0
Quick Start Guide	1
Cat5E UTP Cable	0
Mounting Bracket	1
Rack-mount Brackets	1
Screw	2 × M8×20 4 × M8×60
Warranty Card	1
Package Weight	4.62 kg
Package Dimension (w x d x h)	475 mm x 305 mm x 270 mm

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