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

WIFI6	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.
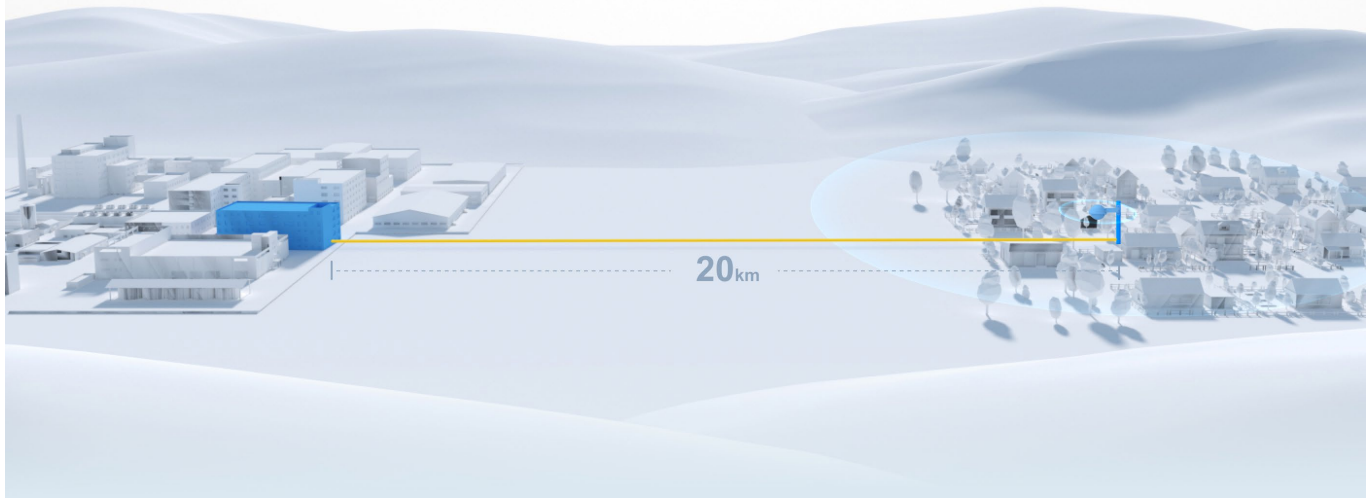
RG-RAP6262 — **2976** Mbps

RG-RAP6262(G) — 1775Mbps

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

20km

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.

Ruijie | Reyee
RG-RAP6262

WiFi 6
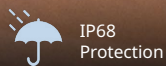
IP68
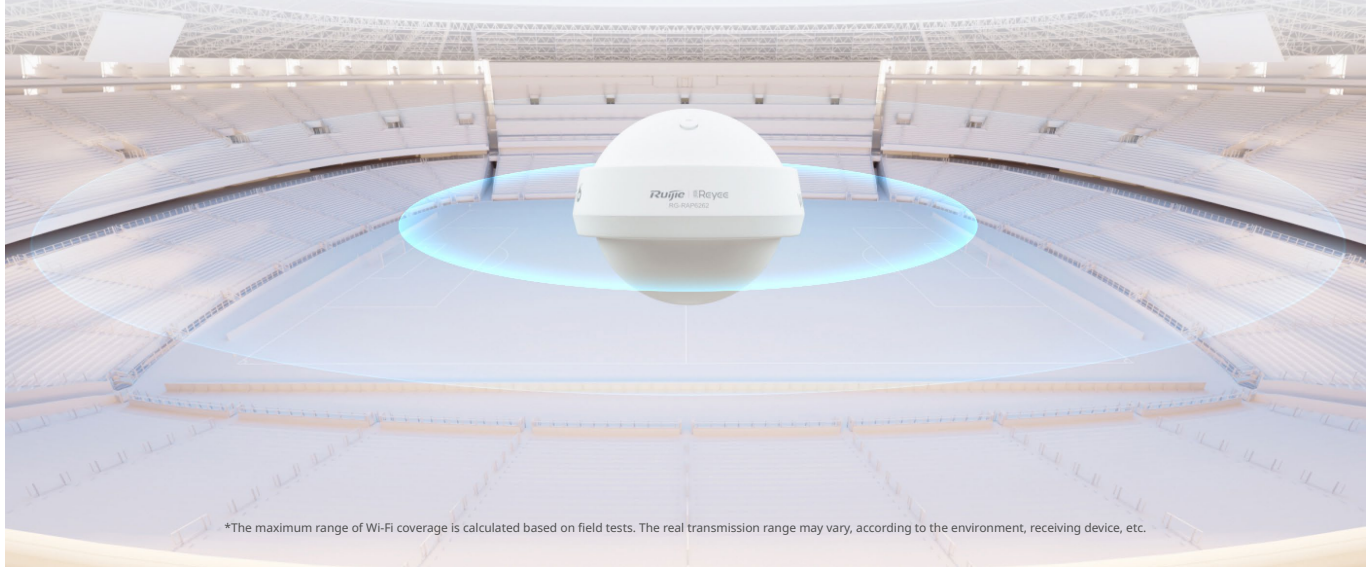Protection

4kV Lighting
Protection

Wind Erosion
Protection

-30°C ~ 65°C
Flame-Retardant

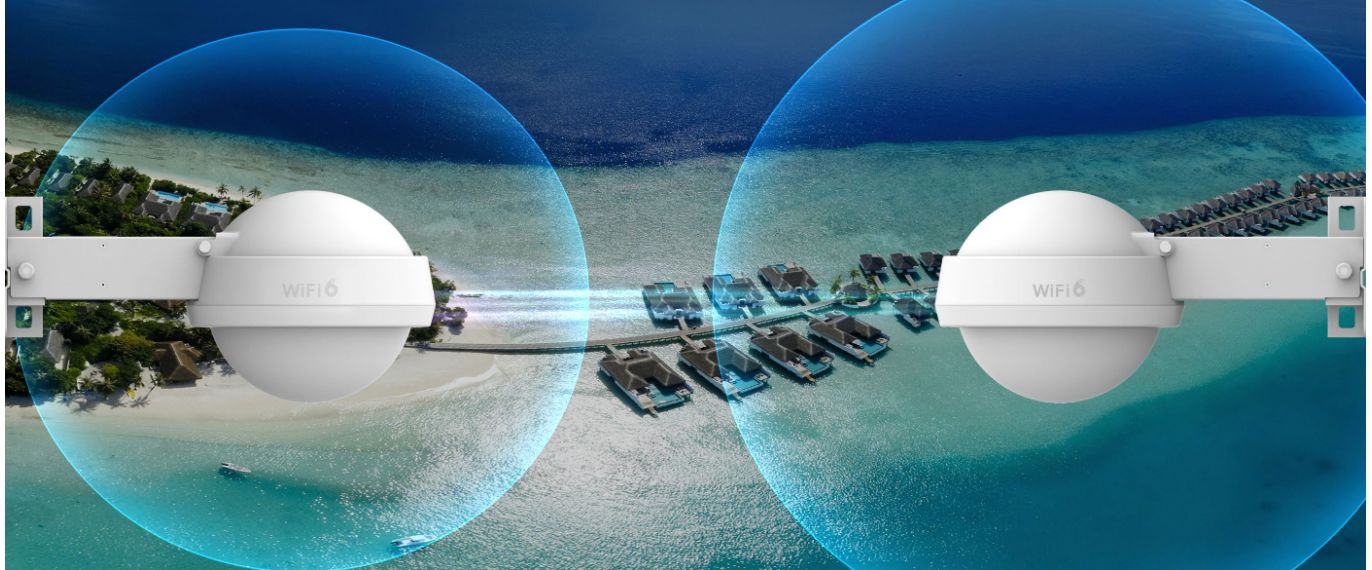# Highlight Features

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
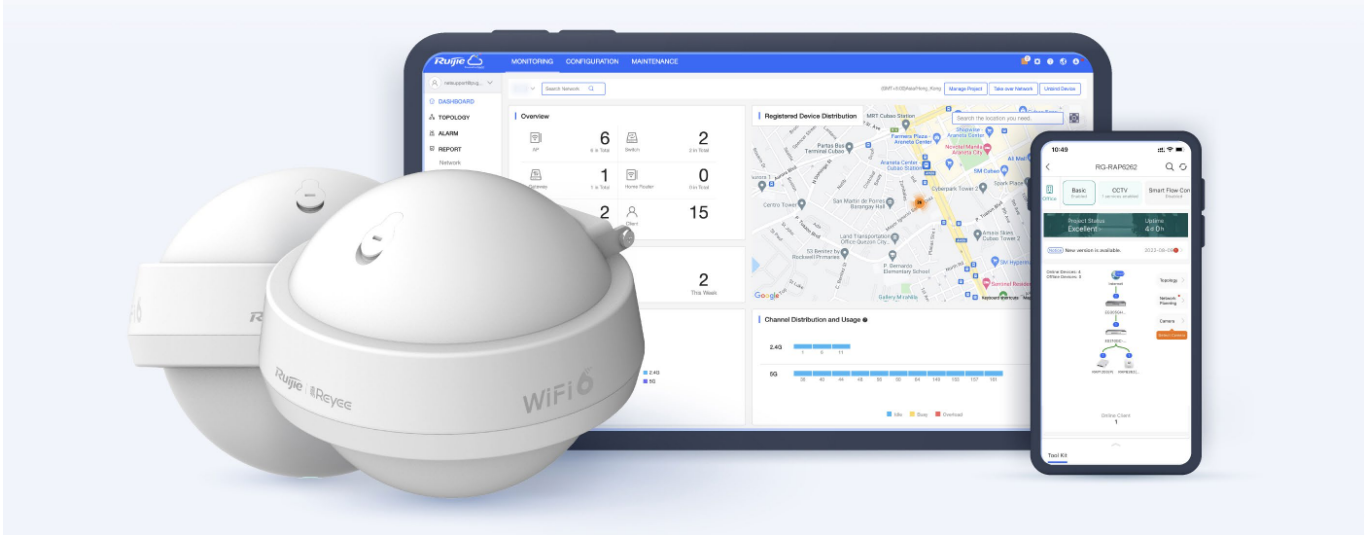
Highlight Features

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: 3dBi 5 GHz: 4dBi
Transmit Power	Frequency bands using and the max EIRP: Note: Country specific restrictions apply **European Union & United Kingdom** 2400-2483.5 MHz, EIRP≤ 20 dBm 5470-5725 MHz, EIRP≤ 30 dBm **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 **Myanmar :** 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm **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 **Indonesia:** 2400-2483.5MHz, EIRP ≤ 36 dBm 5725-5825MHz, EIRP ≤ 36 dBm **Egypt:** 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm
Fixed Ports	1 × 10/100/1000 Base-T port 1 × 1GBase-X SFP port 1 × DC port 1 × Reset button

Specifications

Basic Feature	
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.
Max. Wi-Fi Coverage Radius	300 Meters
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

Software Feature	
WLAN Basic Features	
Power Adjustment	✓
Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Roaming	Layer 2 roaming Layer 3 roaming 802.11k/v/r
OFDMA	✓
Beamforming	✓
WMM	✓
Radar Signal Detection and Frequency Hopping (DFS)	✓
WLAN Security	
Wi-Fi Password	16 Digits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Blacklist and Whitelist	✓

/ Specifications

Software Feature	
Enhanced User Experience	
Wi-Fi Optimization	✓
STA Limit	✓
Removing Low-RSSI STAs	✓
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	✓
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	10.44.77.254 The factory status password: admin
Local Upgrade	✓

Specifications

System	
Online Upgrade	✓
Dual-bin Backup	✓
Factory Reset	✓
Language	Chinese English
System Log	✓
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

Specifications

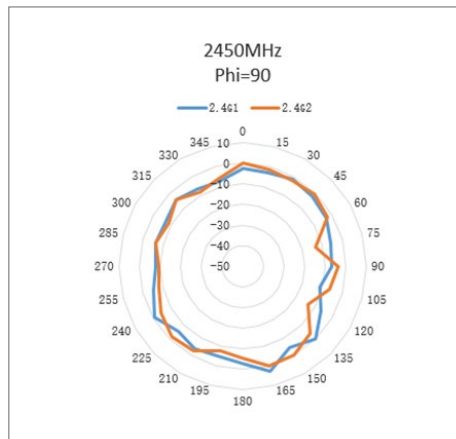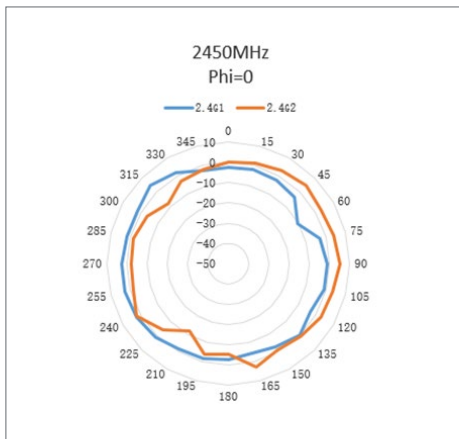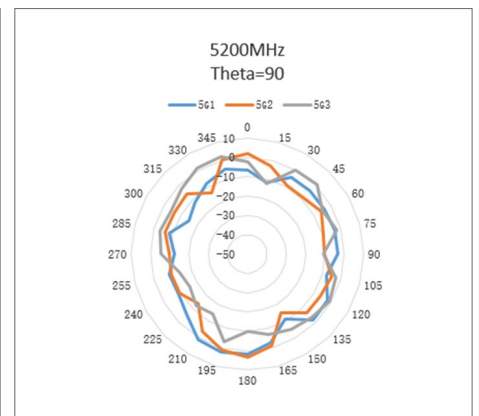| Physical	
Environmental	
Operating Temperature	-30°C ~ 65°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	0% ~ 100% Noncondensing
Storage Humidity	0% ~ 100% Noncondensing
IP(Ingress Protection)	IP68
Port Surge	4kV
MTBF	> 400000H

Antenna Schematic

2.4GHz
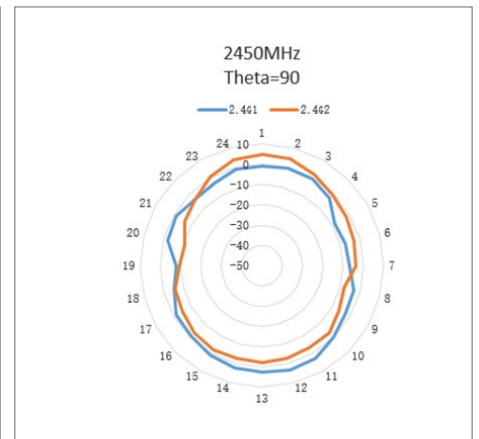
5GHz
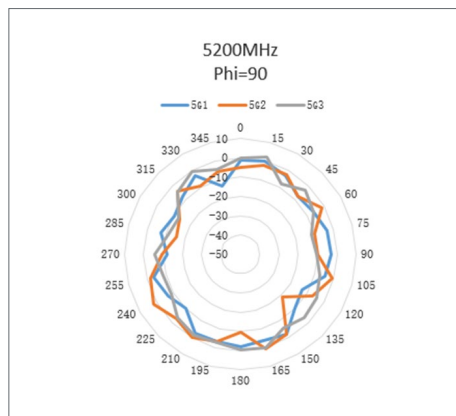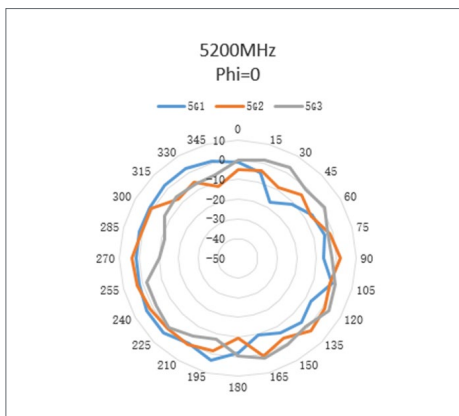
Package Contents

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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