RG-RAP6202(G)

Reyee Wi-Fi 5 AC1300 Outdoor Omni-directional Access Point

DATASHEET

Highlights

- 'UFO' design, a perfect blend of wireless 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

Classic Once More

RUIJIE | Reyee
RG-RAP6202(G)

Wi-Fi 5 1267Mbps	'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.

Ruijie | Reyee
RG-RAP6202(G)

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

Highlight Features
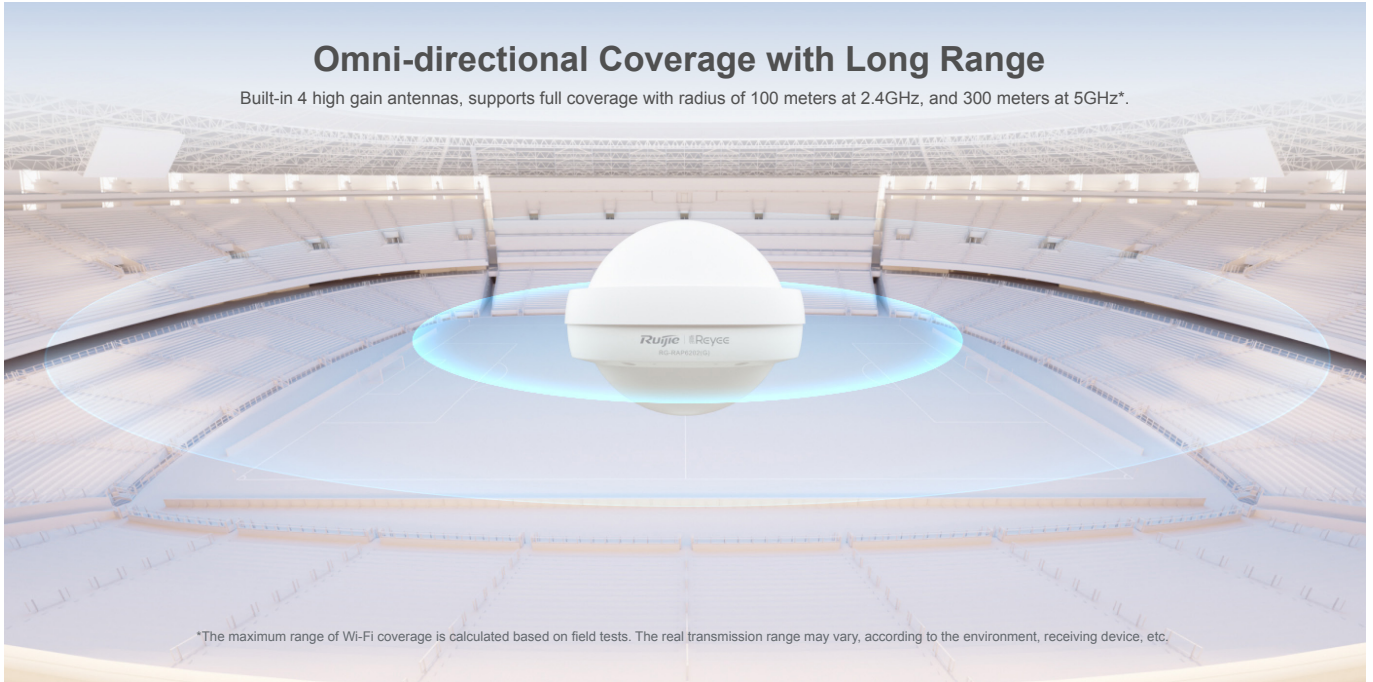
Omni-directional Coverage with Long Range

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 Reyee Mesh

Less wiring, more relaxing

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 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: 400 Mbps 5 GHz: 867 Mbps
Antenna	4
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4 GHz: 3 dBi 5 GHz: 4 dBi
Transmit Power	EIRP ≤ 26 dBm(2.4GHz) ≤ 27 dBm(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	2 × 10/100/1000 Base-T
Max. Clients	110
Recommended Clients	96
Max. SSIDs	8
Software Feature	
WLAN Basic Features	
SSID Hiding	✓
Power Adjustment	✓

Specifications

Software Feature	
WLAN Basic Features	
Roaming	Layer 2 Roaming Layer 3 Roaming
WMM	✓
Radar Signal Detection and Frequency Hopping	✓
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	✓
Adjusting Sending Power of Beacon and Probe Response	✓
Auto Channel and Power Adjustment on Cloud	✓
RSSI Threshold for STA Access	✓
Quick channel adjustment (auto channel selection)	✓
Networks	
Network Access Mode	DHCP Client
VLAN	✓

Specifications

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	2.4GHz: 50m, 5GHz: 150m
Max. Wi-Fi Coverage Radius	2.4GHz: 100m, 5GHz: 300m
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 5.150 GHz to 5.350 GHz 802.11a/n/ac: 5.470 to 5.725 GHz , 5.725 to 5.850 GHz country-specific restrictions apply
Receive Sensitivity	802.11b: -91 dBm(1Mbps)，-88 dBm(5.5Mbps)，-85 dBm(11Mbps) 802.11a/g: -89 dBm(6Mbps), -80 dBm(24Mbps), -76 dBm(36Mbps), -71 dBm(54Mbps) 802.11n: -83 dBm@MCS0, -65 dBm@MCS7, -83 dBm@MCS8, -65 dBm@MCS15 802.11ac VHT20: -83 dBm(MCS0), -57 dBm(MCS9) 802.11ac VHT40: -79 dBm(MCS0), -57 dBm(MCS9) 802.11ac VHT80: -76 dBm(MCS0), -51 dBm(MCS9)

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	1.0 kg (Without Mounting Bracket)

Specifications

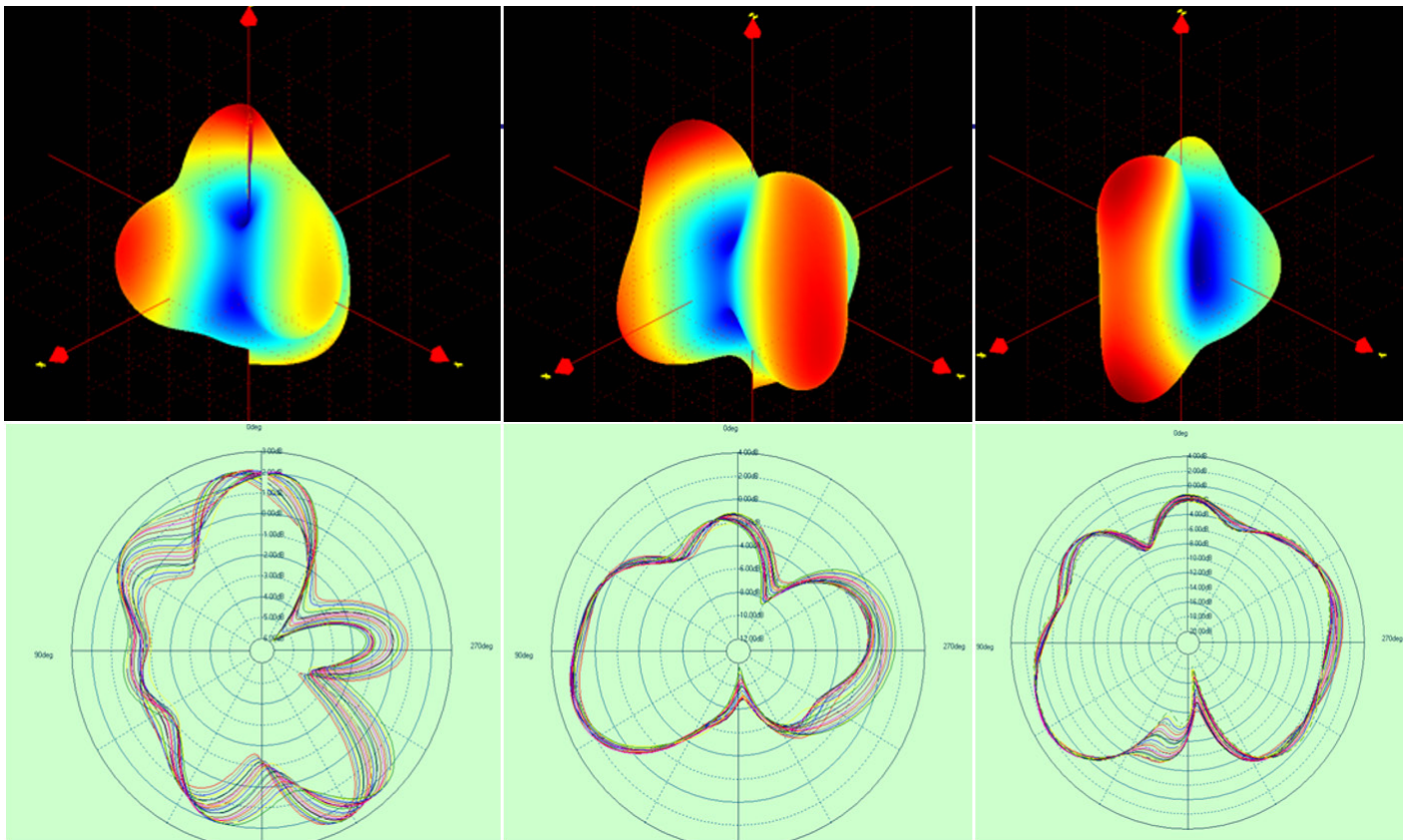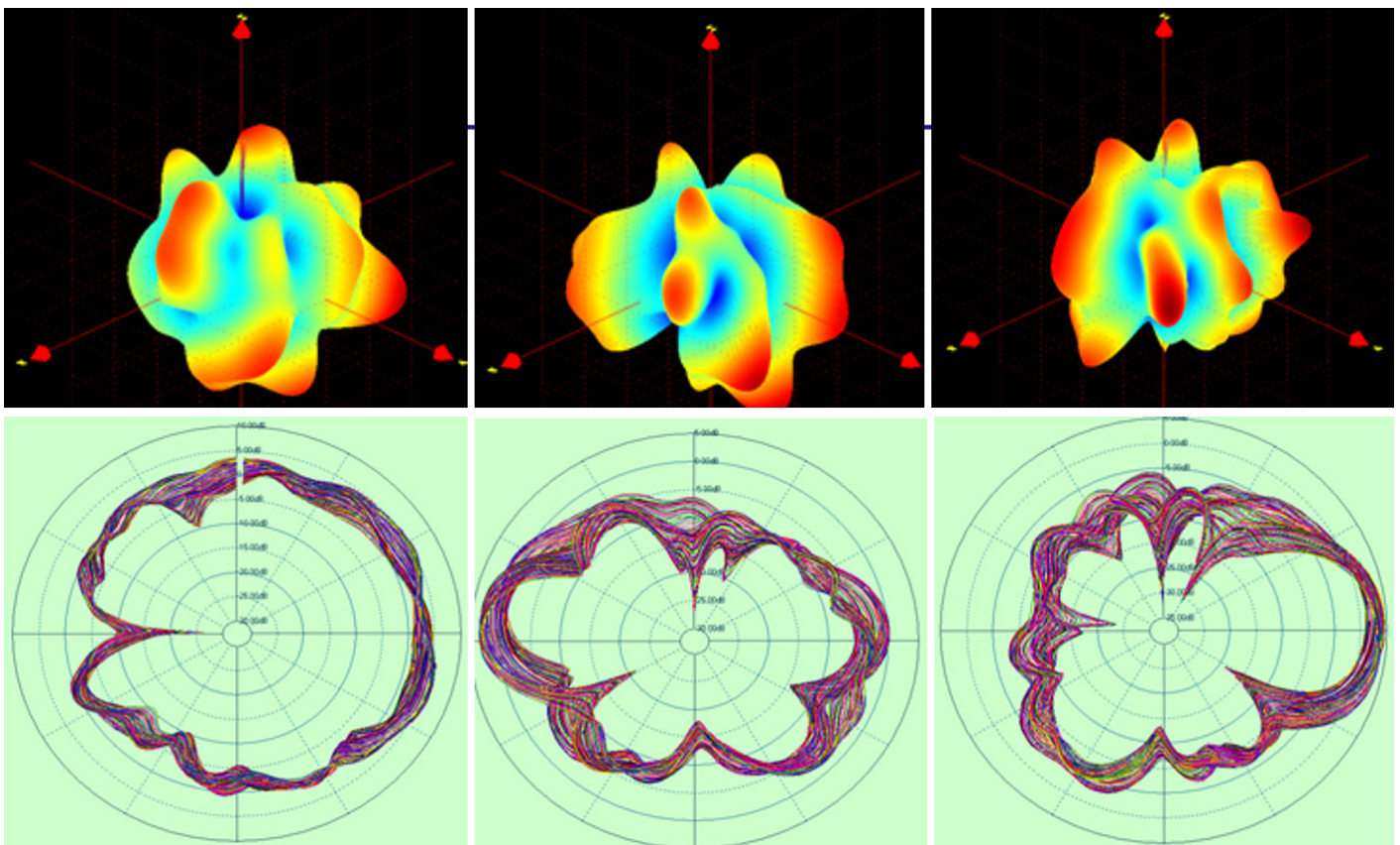| Physical	
Power	
Power Supplies	IEEE 802.3af/802.3at PoE DC 12V/1.5A
Power Consumption	≤ 13W
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Environmental	
Operating Temperature	-30°C to 65°C
Storage Temperature	-40°C to 85°C
Operating Humidity	0% to 100% (Noncondensing)
Storage Humidity	0% to 100% (Noncondensing)
IP(Ingress Protection)	IP68
Port Surge	4 kV
MTBF	>250000H

2.4GHz Pattern:

5GHz Pattern:

Package Contents

Package Information	RG-RAP6202(G)
RG-RAP6202(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	2.73 kg
Package Dimension (w x d x h)	472 mm x 257 mm x 223 mm

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