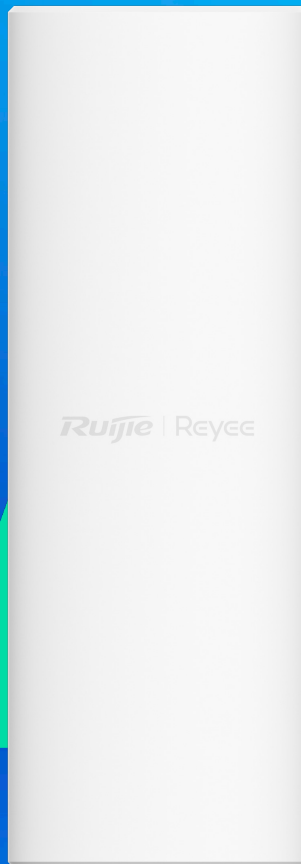# Ruijie | Reyee

RG-RAP62-OD
AX3000 Wi-Fi 6 Indoor/Outdoor Versatile Access Point

DATASHEET   **Explore More ▶**

Highlights

- AX3000 Versatile Outdoor/Indoor Mesh AP for Villas and Retail Businesses
- Wall or Pole Mounting to Fit in Any Location
- IP65 Weatherproof Rating, Delivering Consistent Protection and Signal Stability
- Build-in Antennas for Customized Coverage Where Needed
- Tailored for Retail Businesses with Reyee AP Mesh, Standalone Portal, and AI Roaming Features
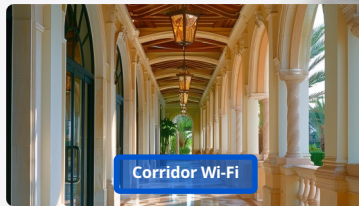
Highlight Features

Small But **That Fine Wi-Fi**
AX3000 Wi-Fi 6 Indoor/Outdoor Versatile Access Point

RG-RAP62-OD

WiFi 6

Featuring A Sleek Design for Deployment Indoors and Outside

Fast & Stable Wi-Fi 6 Speeds
Ideal for Open Space Business Outdoor Wi-Fi Coverage

More Devices and Wider Coverage
This is what your house's Wi-Fi should be

Swimming Pool

Open Dining Area

Small and Medium Amphitheater

Corridor Wi-Fi

WiFi 6

5Ghz
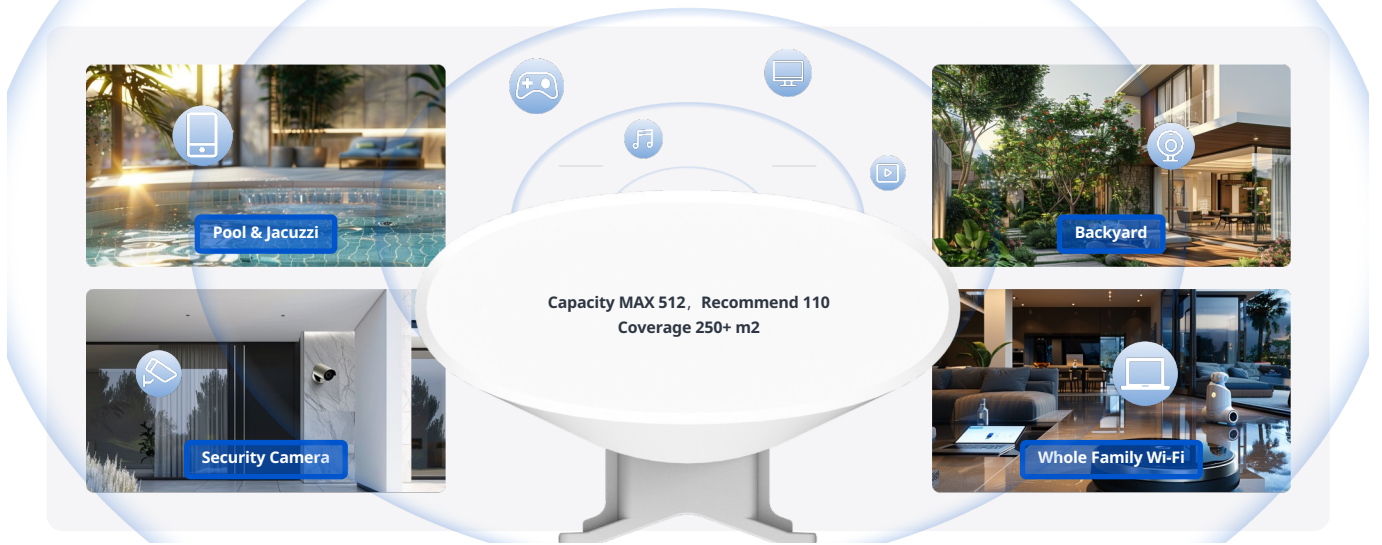2402 **Mbps**

2.4Ghz
574 **Mbps**

Highlight Features

## Featuring A Sleek Design for Deployment Indoors and Outside

Fast & Stable Wi-Fi 6 Speeds
Ideal for Open Space Business Outdoor Wi-Fi Coverage

More Devices and Wider Coverage
This is what your house's Wi-Fi should be

Pool & Jacuzzi

Backyard

Security Camera

Capacity MAX 512，Recommend 110
Coverage 250+ m2

Whole Family Wi-Fi

The Way We Made Reliable & Long-Range Wi-Fi for Coverage

Professional build-in antennas equipped with Enterprise-grade high-gain amplifiers and utilized Wi-Fi 6 technology to make the whole device perform perfectly in coverage and quality Wi-Fi delivered.
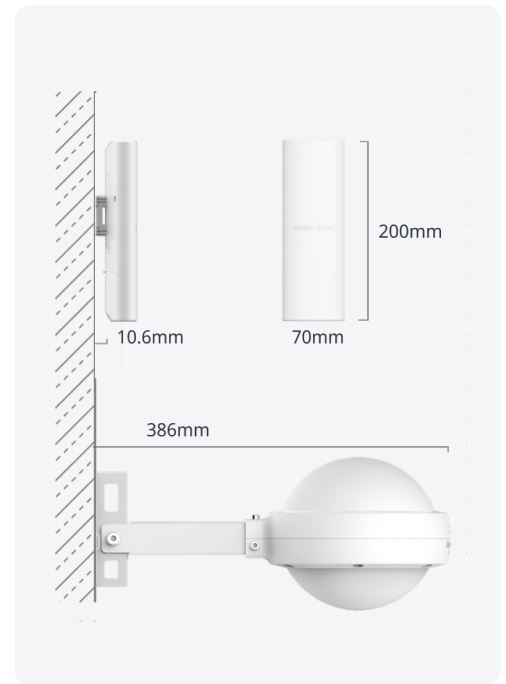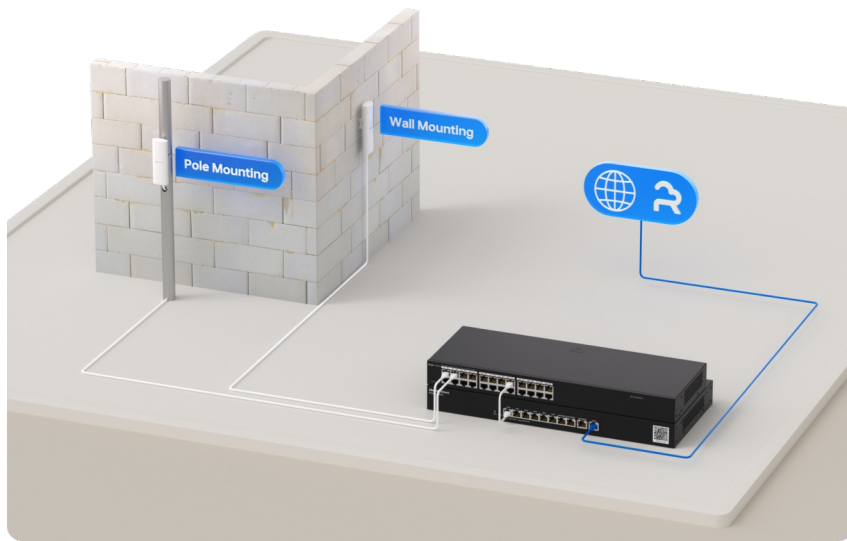
2.4Ghz: 100m+

5Ghz: 300m+
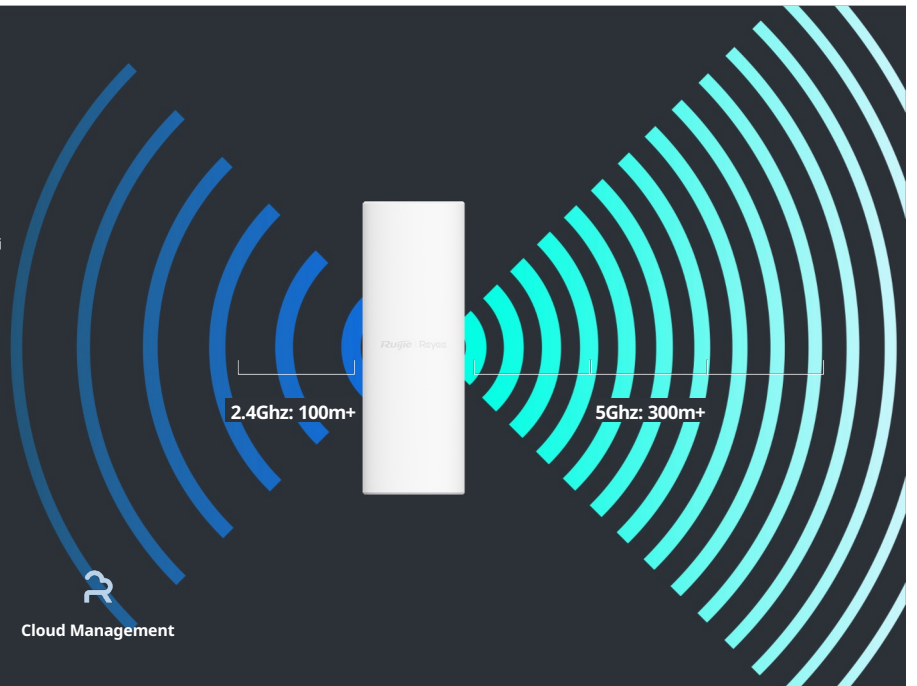
Reyee Mesh   IP65   Smart Build-in Antennas   Cloud Management

Highlight Features

Refined Appearance
Infinite Art Possible, Unleash limited Space

Pole Mounting

Wall Mounting

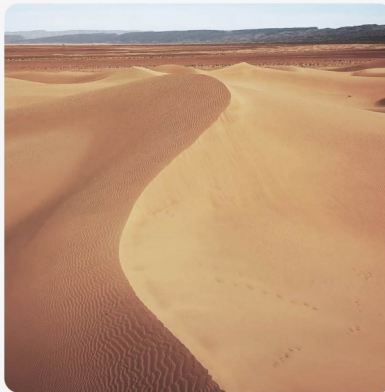200mm

10.6mm

70mm

386mm

Consistent Protection, Stable Signal
Weatherproof - Rated as IP65 during Ingress Protection Testing

Raining-Proof
(Within a distance of 2.5 meters) strongly sprayed by water with a flow rate of 12.5±0.625(L/min)

Dust-Proof
Highest Protection to prevent tiny dust into the inside of device

Surge-Protection
4kV Lightning Protection
15kV ESD Protection

Highlight Features
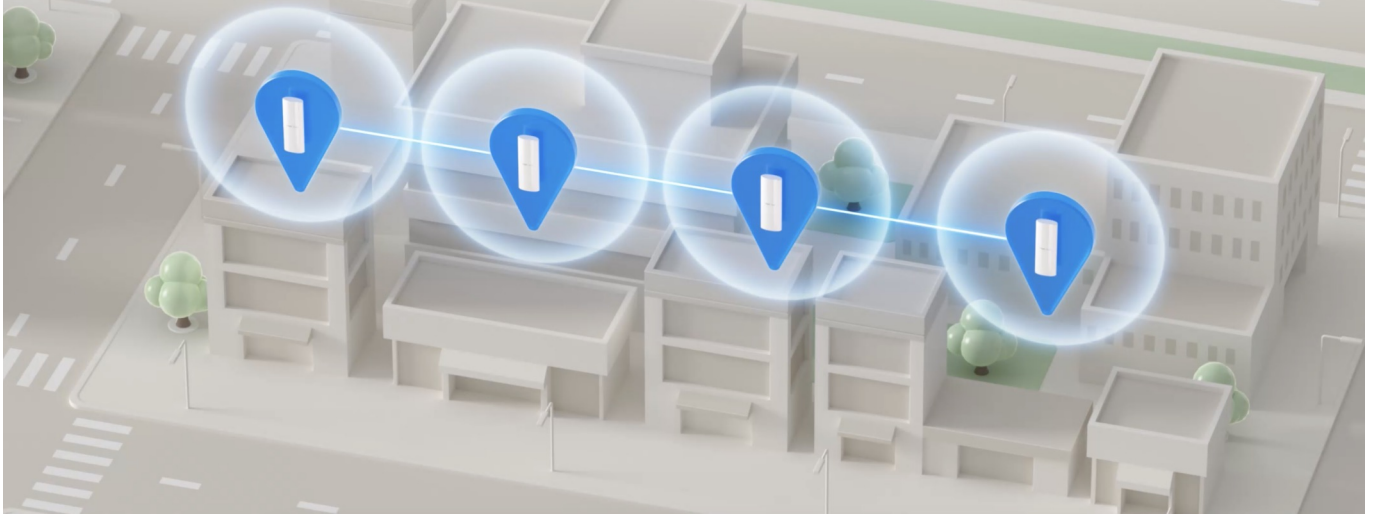
Optimized Features for Street Business

Reyee Mesh　　AP Portal　　Roaming

Optimized Features for Street Business

Reyee Mesh　　**AP Portal**　　Roaming

Success

About to jump to www.ruijienetworks.com
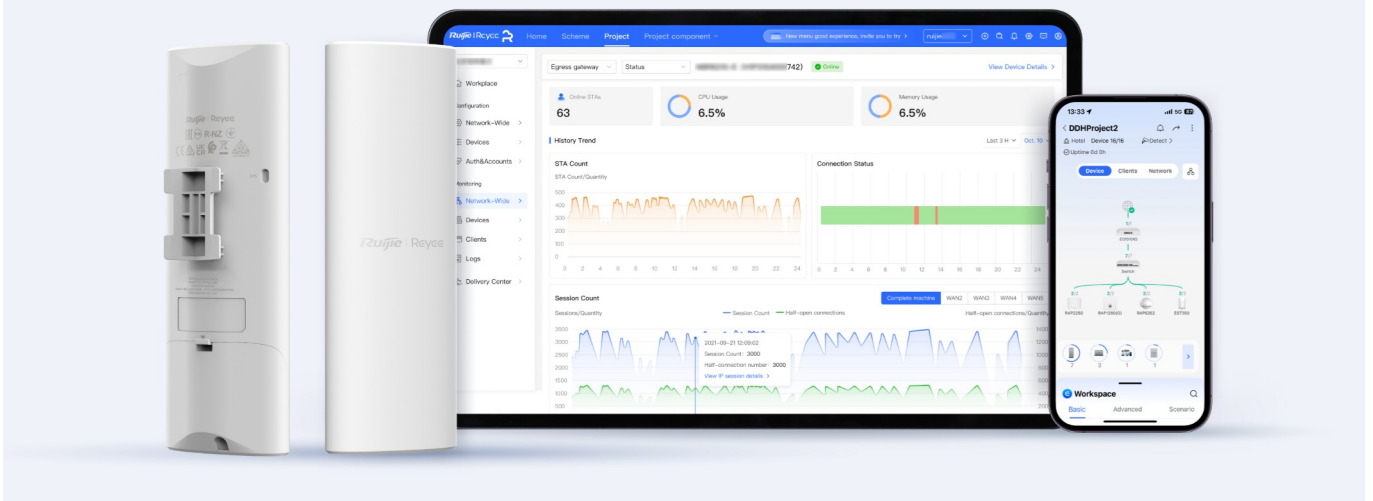
Highlight Features

Optimized Features for Street Business

Reyee Mesh   AP Portal   **Roaming**

Cloud, Make Your Business Easy

- Self-Organizing Network
- Cloud portal authentication
- Centralized network management
- Remote monitoring and maintenance

Specifications

Model	RG-RAP62-OD
Hardware	
5 GHz Wi-Fi Protocols	Wi-Fi 4: IEEE 802.11a/b/g/n Wi-Fi 5: IEEE 802.11ac Wave 2 Wi-Fi 6: IEEE 802.11ax
2.4 GHz Wi-Fi Protocols	Wi-Fi 4: IEEE 802.11b/g/n Wi-Fi 6: IEEE 802.11ax
5 GHz Operating Frequency Bands	5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz
2.4 GHz Operating Frequency Bands	2.400 GHz to 2.4835 GHz
5 GHz Spatial Streams	2 spatial streams, 2x2 MIMO
2.4 GHz Spatial Streams	2 spatial streams, 2x2 MIMO
Omni-directional	Yes
5 GHz Antenna Gain	6.5dBi
2.4 GHz Antenna Gain	4.0dBi
5 GHz Channel Width	Auto/20/40/80/160 MHz
2.4 GHz Channel Width	Auto/20/40 MHz
Wireless Data Rates	2974Mbps
Wireless Data Rate (5 GHz)	2401Mbps
Wireless Data Rate (2.4 GHz)	573Mbps
5 GHz Max. Transmit Power	≤200mW(23dBm)
2.4 GHz Max. Transmit Power	≤200mW(23dBm)
Optimal Coverage	N/A
Max. Wi-Fi Coverage Range (6 GHz)	N/A
Max. Wi-Fi Coverage Range (5 GHz)	300m
Max. Wi-Fi Coverage Range (2.4 GHz)	100m
Modulation	OFDM: BPSK@6/9 Mbps, QPSK@12/18 Mbps, 16QAM@24 Mbps, 64QAM@48/54 Mbps DSSS: DBPSK@1 Mbps, DQPSK@2 Mbps, and CCK@5.5/11 Mbps MIMO-OFDM: BPSK, QPSK, 16QAM , 64QAM, 256QAM and1024QAM OFDMA

Specifications

Model	RG-RAP62-OD
Hardware	
Receiver Sensitivity	11b: -91dBm(1Mbps), -88dBm(5.5Mbps), -85dBm(11Mbps) 11a/g: -89dBm(6Mbps), -80dBm(24Mbps), -76dBm(36Mbps), -71dBm(54Mbps) 11n: -83dBm(MCS0), -65dBm(MCS7), -83dBm(MCS8), -65dBm(MCS15) 11ac: 20MHz: -83dBm(MCS0), -57dBm(MCS9) 11ac: 40MHz: -79dBm(MCS0), -57dBm(MCS9) 11ac: 80MHz: -76dBm(MCS0), -51dBm(MCS9) 11ax: 20MHz: -85dBm(MCS0), -58dBm(MCS11) 11ax: 40MHz: -82dBm(MCS0), -54dBm(MCS11) 11ax: 80MHz: -79dBm(MCS0), -52dBm(MCS11)
Dimensions (excluding mounting kits)	200 mm x 70 mm x 35 mm (7.87 in. x 2.76 in. x 1.38 in.)
Weight (excluding mounting kits)	≤ 0.4 kg (0.88 lbs.)
Number of 10/100/1000BASE-T Ports	1 (supports 802.3at PoE)
Number of 10/100/1000/2500BASE-T Ports	0
Number of 100/1000/2.5G/5G/10GBASE-T Ethernet Ports	0
Number of 1 Gbps Optical Ports (SFP)	0
Number of 10 Gbps Optical Ports (SFP+)	0
DC(Local Power)	No
DC Port Dimensions	No
802.3af	Yes
802.3at	Yes
802.3bt	N/A
48 V passive PoE	Yes
Max. PoE Wattage by PSE	No
Power Consumption	< 16 W
Power Adapter	No
Button	1 × Factory reset
LEDs	1 × System LED indicator

Specifications

Model	RG-RAP62-OD
Hardware	
Operating Temperature	–30°C to +65°C (–22°F to +149°F)
Storage Temperature	–40°C to +75°C (–40°F to +167°F)
Operating Humidity	5% to 95% (non-condensing)
Storage Humidity	5% to 95% (non-condensing)
Ceiling-mount	No
Wall-mount	Yes
Pole-mount	Yes
Health	EN IEC 62311:2020
Spectrum	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 300 440 V2.2.1
IP Rating	IP65
Software	
Router mode	Yes
AP Mode	Yes
Max. Number of Clients	BW160 11AX: 16(2.4G)+94(5G)=110 BW80 11AX: 16(2.4G)+64(5G)=80 11AC: 8(2.4G)+32(5G)=40
Max. Number of SSIDs	8
Radio-based STA Limit	Yes
Layer 2 Client Isolation	Yes
OFDMA Subcarrier	Yes
OFDMA	Yes
Target Wake Time (TWT)	No
Wi-Fi Multimedia (WMM)	Yes
802.1Q VLAN	Yes
Multi-Link Operation (MLO)	No

Specifications

Model	RG-RAP62-OD
Software	
4K-QAM	No
Same SSID for Different VLANs	Yes
802.11k/v	Yes
802.11r	Yes
Layer 2 Roaming	Yes
Layer 3 Roaming	Yes
AI Roaming	Yes
PSK Authentication	Yes
Static Blocklist and Allowlist	Yes
WPA (TKIP), WPA2 (AES), and WPA-PSK	Yes
OWE (Enhanced Open) WPA3-SAE WPA2-PSK/WPA3-SAE	Yes
DHCP Snooping	Yes
802.1X	Yes
ARP Check	No
IP Source Guard	No
LLDP	No
Static ARP Binding	Yes
Proxy ARP	No
Ping	Yes
Traceroute	Yes
NAT	Yes
Static IP Address	Yes
DHCP Server	Yes
PPPoE Client PPPoE Dial-up	Yes

Specifications

Model	RG-RAP62-OD
Software	
Mesh Management	Yes
Reyee Mesh	Yes
Captive Portal	Yes
Bandwidth Limit	Yes
Data Quota	No
Default Access/Password	Yes
No. of APs on a Self-Organizing Network	300
Unified Networking for All Network Equipment	Yes
Local or Remote Management via Ruijie Reyee App	Yes
Local Management via the Web Interface	Yes
Remote Management via Ruijie Cloud	Yes
Optimization of Channel, Transmit Power, and Management Frame Power Settings. Both Pre- and Pro-Optimization Settings are Displayed.	Yes
Unified Configuration via Ruijie Cloud	Yes
Unified Monitoring via Ruijie Cloud	Yes
Mesh Management	Yes
Reyee Mesh	Yes
Captive Portal	Yes
Bandwidth Limit	Yes
Data Quota	No
Default Access/Password	Yes
No. of APs on a Self-Organizing Network	300
Software	

Specifications

Model	RG-RAP62-OD
Others	
Flash	128MB
Memory	512MB
Color of AP Enclosure	Warm White

RUijie | Reyee

Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com