

RG-RAP52-OD

Reyee Wi-Fi 5 AC1300

Access Point

DATASHEET



Highlights

- AC1300 Wave 2 Outdoor Mesh Mini-size AP For Villa & Retail
- Bracket or Poles, Flexible Installation to Fit Multi-Scene
- Weatherproof - Rated as IP65, Consistent Protection, Stable Signal
- Detachable Antennas, Cover where you need specially
- Reyee Mesh, Standalone Portal, AI Roaming, Optimized Features for Street Business

Highlight Features



Flexible Installation to Fit Multi-Scene



Wall Mounting



Pole Mounting

Reliable Wi-Fi Performance and Superior Coverage for Your Business

AC1300 chip solution along with Enterprise-grade high-gain amplifiers and subtle design of antennas, make the whole device perform perfectly in coverage and quality Wi-Fi delivered.

5Ghz 867 Mbps

2.4Ghz 400 Mbps

2.4Ghz. 300m+

5Ghz. 400m+

- Reyee Mesh
- IP65
- Detachable Antennas
- Flex-installation
- Cloud Management

Highlight Features

Refined Appearance

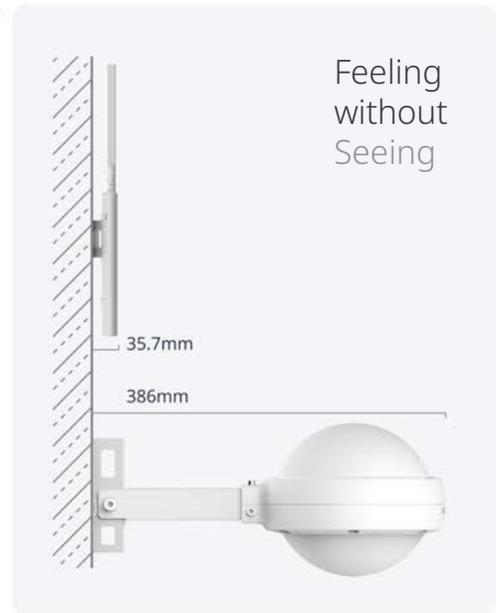
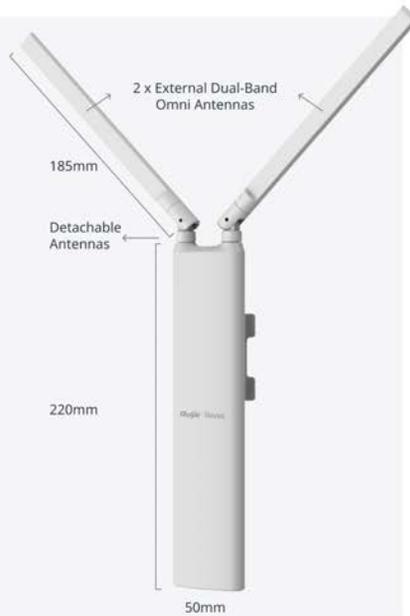
Incredibly Thin
Impressively Small

Adapt to Modern Life Change



60mm

200mm



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

Detachable Antennas (SMA Standard)

Omnidirectional

Wider Coverage of Service Area



Highlight Features

Detachable Antennas (SMA Standard)



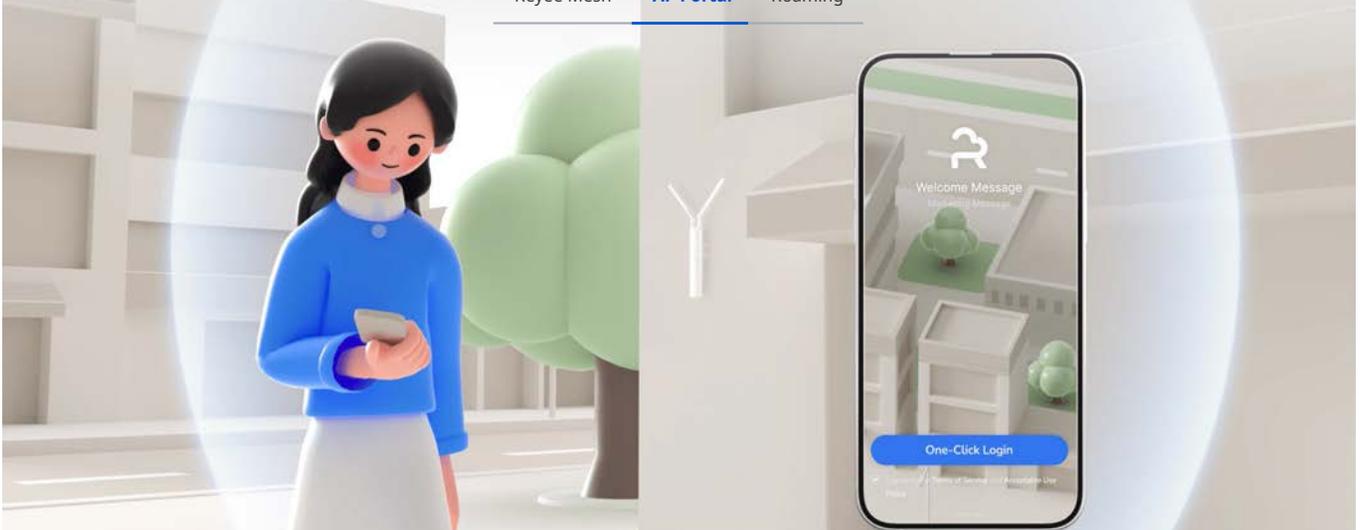
Optimized Features for Street Business

Reyee Mesh AP Portal Roaming



Optimized Features for Street Business

Reyee Mesh **AP Portal** Roaming

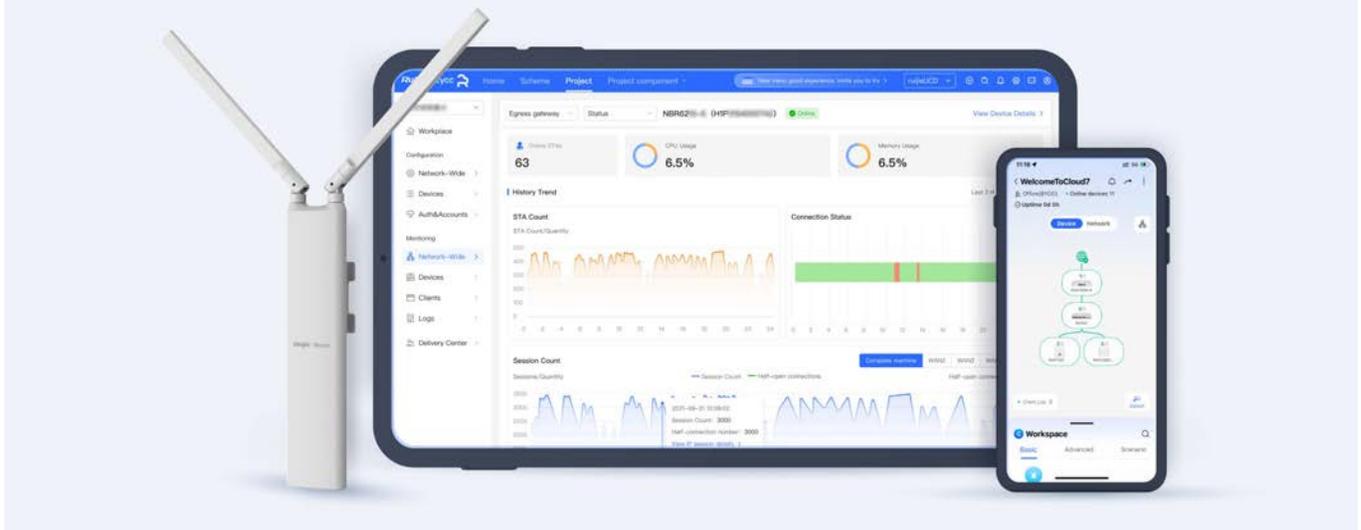


Highlight Features



Cloud, Make Your Business Easy

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



Specifications

Hardware Specifications

| | |
|---------------------|---|
| Wi-Fi Standards | Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g |
| MIMO | 2.4 GHz, 2×2 MIMO 5 GHz, 2×2 MIMO |
| Max. Data Rate | 2.4 GHz: 400 Mbps 5 GHz: 867 Mbps |
| Max. Transmit Power | CE EIRP: 2.4 GHz to 2.4835 GHz ≤ 20 dBm 5.150 GHz to 5.350 GHz ≤ 23 dBm 5.470 GHz to 5.725 GHz ≤ 30 dBm Note: Country specific restrictions apply Myanmar: 2400 MHz - 2483.5 MHz ≤ 20 dBm 5150 MHz - 5350 MHz ≤ 23 dBm 5470 MHz - 5850 MHz ≤ 25 dBm Thailand: 2.4 GHz to 2.4835 GHz: 20 dBm 5.150 GHz to 5.350 GHz: 23 dBm 5.470 GHz to 5.725 GHz: 30 dBm 5.725 GHz to 5.825 GHz: 30 dBm |
| Max Throughput | Up to 400 Mbps at 2.4 GHz Up to 867 Mbps at 5 GHz 1.267 Gbps per AP |
| Dimensions | 220 mm × 50 mm × 35.7 mm (8.66 in. × 1.97 in. × 1.41 in.) (excluding mounting bracket and antenna) antenna size: 185mm (7.24 in.) |
| Weight | Main Unit: ≤ 0.4 kg |
| Fixed Ports | 1 × 10/100/1000 Base-T port |
| LEDs | 1 × system LED |
| Power Supply | IEEE 802.3af standard PoE power supply 24 V passive PoE power supply |

Specifications

Basic Features

| Max. Power Consumption | ≤ 14 W |
|--|---|
| Operating Temperature | -30°C to +70°C (-22°F to +158°F) Long-term operating temperature: -30°C ~ 65°C (-22°F ~ 149°F); tested short-term operating temperature (Less than 24 hours): 66°C ~ 70°C (150.8°F ~ 158°F) |
| Storage Temperature | -40°C to +75°C (-40°F to +167°F) |
| Operating Humidity | 10% to 95% RH (non-condensing) |
| Storage Humidity | 10% to 95% RH (non-condensing) |
| Installation | Wall mounting and pole mounting |
| EMC Compliance Standards | GB9254 EN301 489 EN55022 B9254-2008 EN301 489 EN55022 FCC Part15 RSS-210 EN50155 EN50121 NEBS GR-63-CORE_Issue3_2006 |
| Shock and Vibration Compliance Standards | IEC 61373 NEBS GR-63-CORE_Issue3_2006 EN300 328 EN301 893 GB/T25119 EN50155(EN61373) |
| Radio Compliance Standards | EN300 328 EN301 893 |
| IP (Ingress Protection) Rating | IP65 |
| MTBF | > 400,000 hours |
| Software Features | |
| Operating Mode | AP mode and routing mode |

Specifications

Software Features

| | |
|------------------------------|--|
| WLAN | Maximum number of clients: 110 |
| | Recommended number of clients: 96 |
| | Up to 8 SSIDs |
| | Support SSID hiding Configuring the authentication mode encryption mechanism VLAN attributes for each SSID |
| | SSID-based and radio-based STA limit |
| | Support Layer 2 user isolation |
| KV Roaming | ✓ |
| Layer 2 Roaming | ✓ |
| Layer 3 Roaming | ✓ |
| Security | Support PSK authentication |
| | Support Black List / White List: Maximum 256 rules per SSID Maximum 1024 rules per AP |
| | Support WPA (TKIP), WPA2 (AES), and WPA-PSK data encryption |
| | Standalone Portal |
| Routing | Support static IP address, DHCP, PPPoE Dial Up |
| Management and maintenance | Support unified networking of all network equipment Support local or remote management with Ruijie Cloud app Support local management with web Support remote management with Ruijie Cloud platform |
| Platform management features | WIO2.0, Automatic RF adjustment via the platform |
| | Unified configuration via the platform |
| | Unified monitoring via the platform |
| AP Mesh | Mesh management |
| | Reyee Mesh |

Ordering Information

| No. | Item | Quantity |
|-----|---|----------|
| 1 | RG-RAP52-OD Access Point | 1 |
| 2 | Antenna | 2 |
| 3 | Band Clamp | 2 |
| 4 | Mounting Bracket | 1 |
| 5 | Screw Kit (Containing Two 3.5 mm × 25 mm Expansion Screws and Two Wall Anchors) | 1 |
| 6 | Warranty Card | 1 |
| 7 | Quick Installation Guide | 1 |

Ruijie | Rcycc

 **Redefine your easy network**

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