

# RG-RAP2266

## Reyee Wi-Fi 6 AX3000 Indoor Ceiling-Mount Access Point

DATASHEET



### Highlights

- Dual-radio performance, gigabit wireless Ceiling-mounted AP
- Capable of Reyee Mesh and 802.11K/V
- Easy installation, rotating and done
- New circular aesthetics, more in line with the hotel decoration style
- Powerful Standalone Portal via Ruijie Cloud

## Highlight Features

### Wi-Fi AX3000 Dual-band Round Ceiling AP

RG-RAP2266



### Seamless Roaming, Ever Smart Like This

Smart AI Roaming, Based on Cloud Algorithm and Technology of 802.11k/v, Guaranteed Smooth and Lag-Free Internet



### Installation With Rotating, Quick and Easy



## Highlight Features

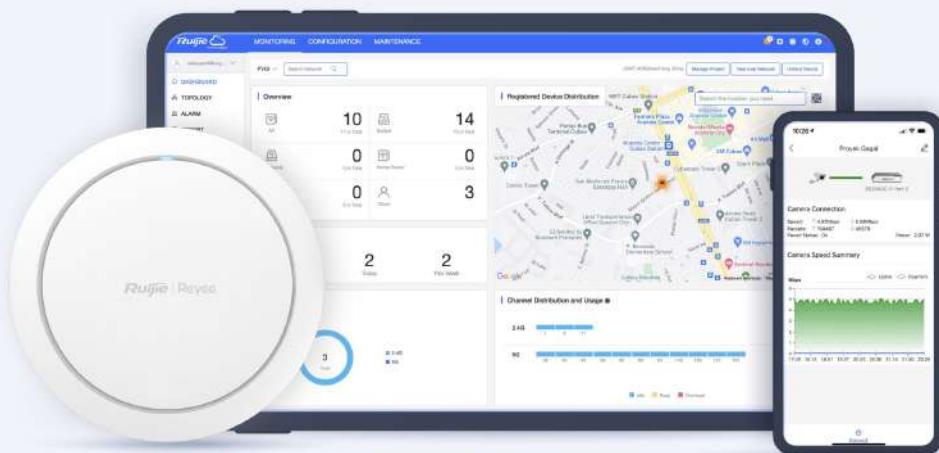
### Easily Install Extra AP with Reye Mesh

Less wiring, more relaxing



### Cloud, Make Your Business Easy

- Self-organizing network
- Cloud portal authentication
- Remote monitoring and maintenance
- Upgrade firmware via Cloud
- APP library dynamically update



# Specifications

## Basic Features

Wi-Fi Standards	Wi-Fi6 (IEEE 802.11ax) Wi-Fi5 (IEEE 802.11ac Wave 2) Wi-Fi4(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	2.4 GHz:3.53dBi 5 GHz:5.15dBi Note The peak gain mentioned above refers to the gain of a single antenna.
Transmit Power	EIRP: ≤31dBm (2.4GHz) ≤32.7dBm (5GHz) 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: 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 1xDC port 1×Reset button
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8
Recommended Wi-Fi Coverage Radius	2.4GHz: 40 meters 5GHz: 70 meters The Wi-Fi coverage is related to the installation environment of the access point.

# Specifications

## Basic Features

Max. Wi-Fi Coverage Radius	150 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 Features

### 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
OFDMA	✓
Beamforming	✓
Target wake time (TWT)*	Not Support
WMM	✓
Radar Signal Detection and Frequency Hopping (DFS)	✓

### WLAN Security

Wi-Fi Password	16 bits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK;
Blacklist and Whitelist	✓
Prevent Fragmentation Attack	Not Support
Prevent ICMP Attack	Not Support

### Enhanced User Experience

Wi-Fi Optimization	✓
STA Limit	✓

# Specifications

## Software Features

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
Avoidance of WAN IP Address Conflicts	Not Support
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	✓
Backup	✓

# Specifications

## Hardware Features

Factory Reset	✓
Language	Chinese English
System Log	✓
Diagnostics	✓
Network Check	✓

## Physical

LED Indicator	1× system LED indicator
Buttons	1×Reset button
Dimensions (W × D × H)	220 mm x 220 mm x 52.6 mm (8.66 in. x 8.66 in. x 2.07 in., without the mounting bracket)
Weight	≤ 0.5 kg (Without Mounting Bracket)
DC Port Dimensions	Outer Diameter: 6.3 mm Inner Diameter: 2.0 mm Length: 9.8 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W × D × H)	113.5 mm x 113.5 mm x 13.5 mm
Mounting Hole Pattern	80 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3at PoE DC 12V/2A
Power Consumption	≤ 18W
PoE Power Budget	NA

## Environment

Operating Temperature	0°C to 40°C
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## / Specifications

### Environment

Storage Temperature	-40°C to 70°C
Operating Humidity	5% to 95% Noncondensing
Storage Humidity	5% to 95% Noncondensing
IP(Ingress Protection)	NA
Port Surge	+/-2kV
MTBF	>400000H

## / Ordering Information

Model	Description
RG-RAP2266	<b>AX3000 indoor ceiling-mount access point, dual-stream and dual-radio; providing one GE port; supporting IEEE 802.3at PoE power supply or DC local power supply (not included).</b>



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