RG-RAP2266

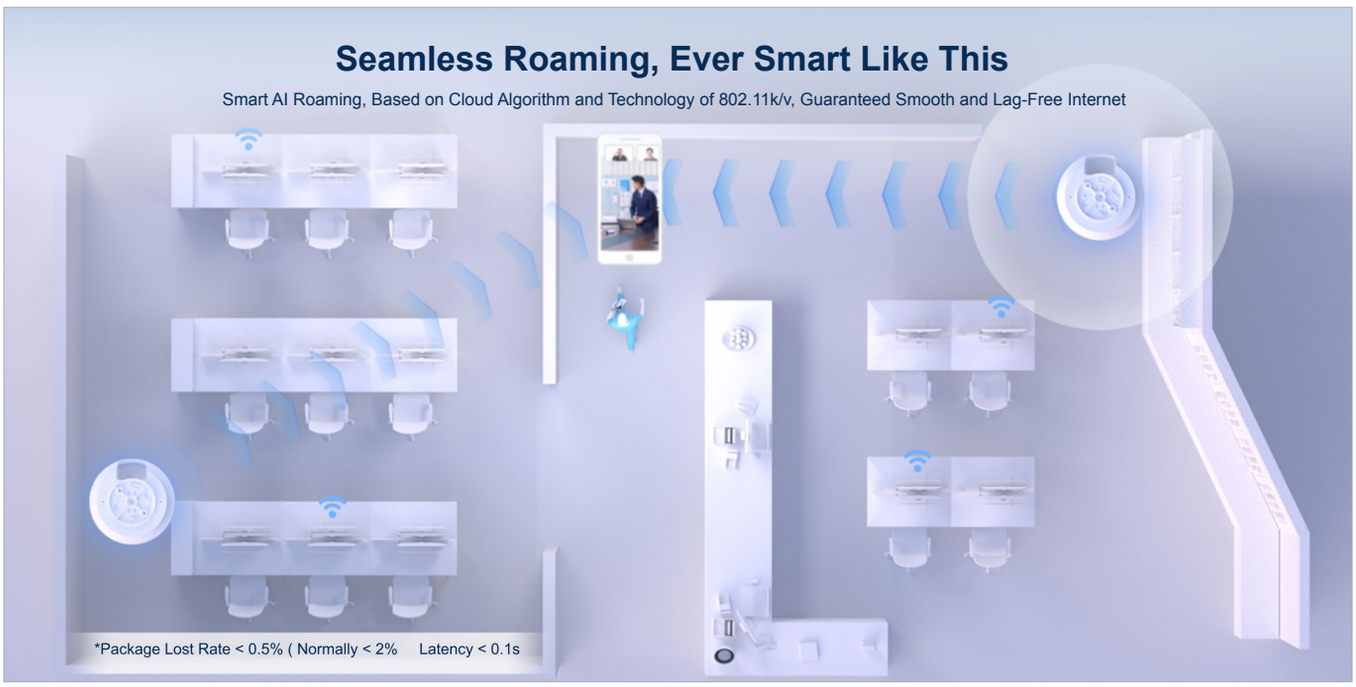
Reyee Wi-Fi 6 AX3000 Indoor Ceiling-Mount Access Point

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



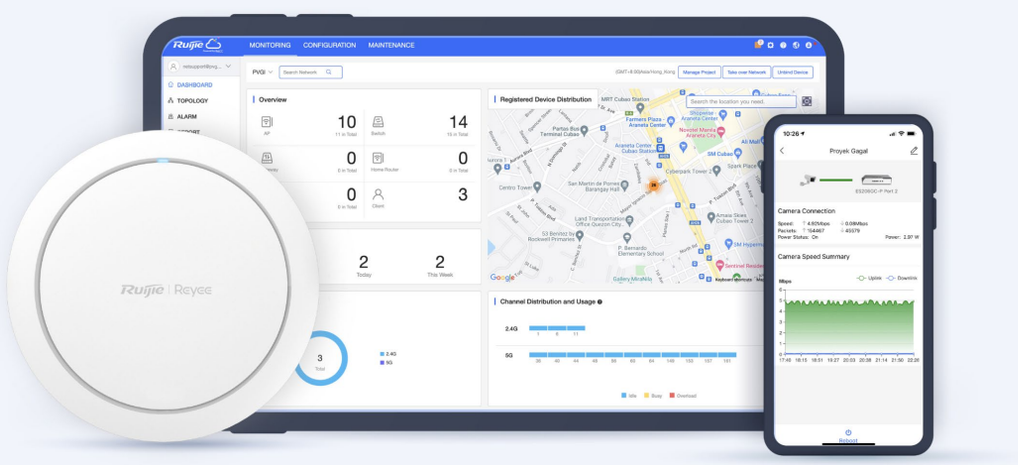
Highlight Features

Easily Install Extra AP with Reyee 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	PIFA Antenna
Antenna Gain	2.4 GHz:3.53dBi 5 GHz:3.96dBi 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 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	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

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	**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).**

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