

RG-RAP2260

Wi-Fi 6 AX3000 High Performance Multi-G Ceiling Access Point

DATASHEET



Highlights

- Build ultra-high performance Wi-Fi with 2.97Gbps throughput.
- Client connections over 500, higher practical performance as well.
- Boost Internet speed with 2.5Gbps uplink for the future.
- Easily install extra AP with Reyee Mesh technology.
- Support standalone captive portal, easy to enable Wi-Fi authentication.

Highlight Features

Build Faster Wi-Fi Network for The Future

Interface Installation



WiFi 6 AX3000 Wi-Fi 6

2.5Gbps Wired Uplink

Reyee Mesh Technology

Standalone Authentication

Free Cloud Management

Build Faster Wi-Fi Network for The Future

Interface Installation



WiFi 6 AX3000 Wi-Fi 6

2.5Gbps Wired Uplink

Reyee Mesh Technology

Standalone Authentication

Free Cloud Management

Better Multi-User Experience in High-Density Scenarios

Performance upgraded, support client connections over 500.



Users 500

MU-MIMO

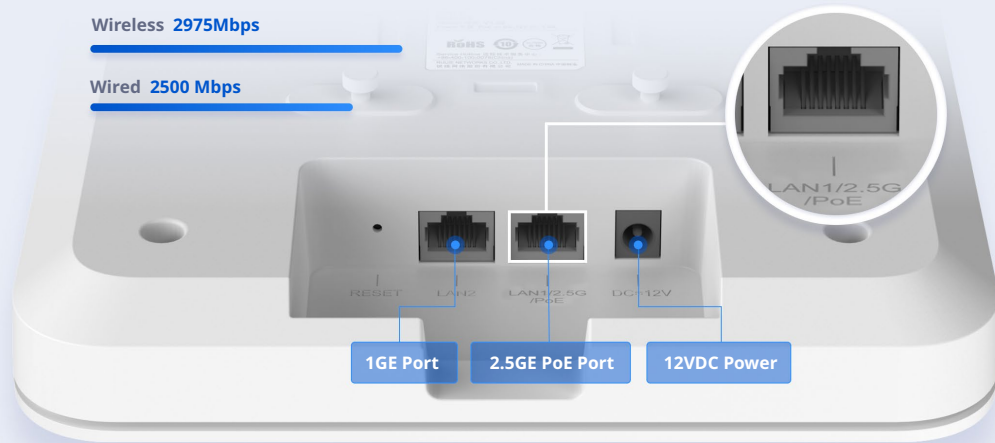
2.4G 5G

WiFi 6 AX3000

Highlight Features

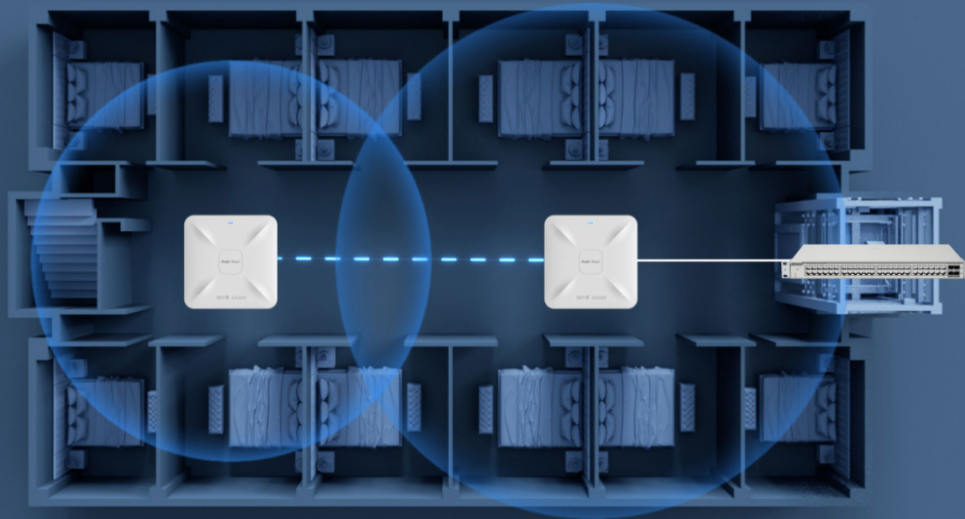
Boost Your Internet Speed with 2.5Gbps Uplink

Build network for future, protect your investments.



Easily Install Extra AP with Reyee Mesh

Less wiring, more relaxing.



Highlight Features

More Flexiable Wi-Fi Authentication

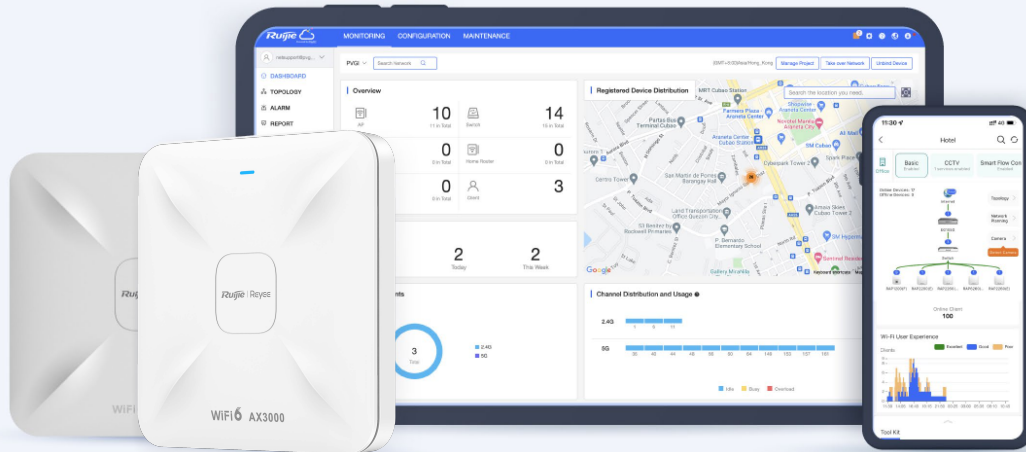
Support standalone captive portal, easy to enable Wi-Fi authentication based on Ruijie Cloud only.*



* Access point standalone portal authentication will be supported in Q2,2023 through new firmware.

Cloud, Make Your Business Easy

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



Specifications

Basic Feature

Wi-Fi Standards	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 2x2, MU-MIMO 5GHz, 2x2, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 574Mbps 5GHz: 2402Mbps
Antenna	5
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4 GHz: 3 dBi 5 GHz: 3 dBi
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 Egypt: 2400 MHz~2483.5 MHz ≤ 20 dBm (EIRP) 5150 MHz~5350 MHz ≤ 20 dBm (EIRP)
Fixed Ports	1 x 100/1000/2500 Base-T port 1 x 10/100/1000 Base-T port 1 x DC port 1 x Reset button
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8

Specifications

Basic Feature

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.

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
Egypt:
802.11b/g/n: 2.4 GHz ~ 2.4835 GHz
802.11a/n/ac: 5.150 GHz ~ 5.350 GHz

Software Feature

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 ✓

WMM ✓

Radar Signal Detection and Frequency Hopping (DFS) ✓

WLAN Security

Max Wi-Fi Password Length 16 Digits

Security Mode WPA-PSK, WPA2-PSK, WPA/WPA2-PSK

Blacklist and Whitelist ✓

Enhanced User Experience

Wi-Fi Optimization ✓

AP Mesh ✓

Specifications

Software Feature

STA Limit ✓

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

VLAN ✓

DHCP Server ✓

System

Cloud Management ✓

APP Management ✓

APP Upgrade ✓

APP Restart ✓

Scheduled Restart ✓

Default Access/Password 10.44.77.254
The factory status password: admin

Local Upgrade ✓

Online Upgrade ✓

Specifications

System

Dual-bin Backup	✓
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)	194 mm x 194 mm x 45.1 mm (Without Mounting Bracket)
Weight	≤ 0.65 kg (Without Mounting Bracket)
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W × D × H)	88 mm x 82 mm x 7.8 mm
Mounting Hole Pattern	53 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

Specifications

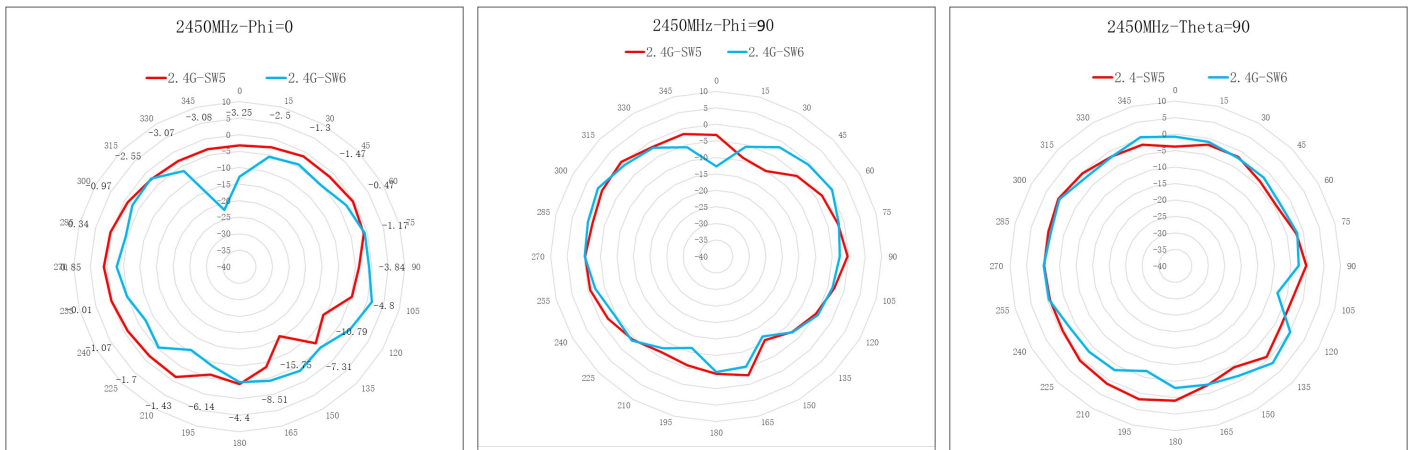
Physical

Environmental

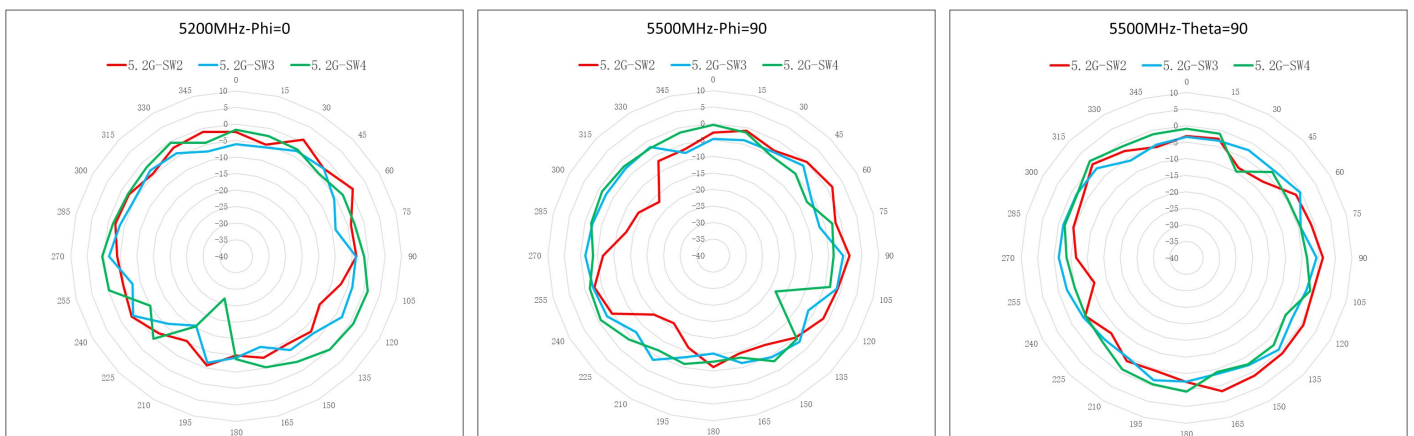
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Operating Humidity	5% to 95% Noncondensing
Storage Humidity	5% to 95% Noncondensing
IP(Ingress Protection)	NA
Port Surge	4kV
MTBF	>400000H

Antenna Schematic

2.4GHz



5GHz



Package Contents

Package Information	RG-RAP2260
Access Point	1
User Manual	1
Phillips Pan Head Screw	2
Wall Anchor	2
Mounting Bracket	1
Warranty Card	1
Alignment Sticker	1
Package Weight	0.85 kg
Package Dimension (W x D x H)	197 mm x 197 mm x 63 mm

Ruijie | Rcycc

 **Redefine your easy network**

Copyright ©2000-2023 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.
Building 19, Juyuanzhou Industrial Park, No.618 Jinshan
Road, Cangshan District, Fuzhou, Fujian, China
Website: <https://www.ruijienetworks.com>