RUIJIE | Reyee

RG-RAP2260-V2
Wi-Fi 6 AX3000 High Performance Multi-G Ceiling Access Point

DATASHEET (for Canada Only)

/ 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

WiFi6 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

WiFi6 AX3000

WiFi6 AX3000 Wi-Fi 6

2.5Gbps Wired Uplink

Reyee Mesh Technology

Standalone Authentication

Free Cloud Management

Better Multi-User Experience in High-Density Scenarios

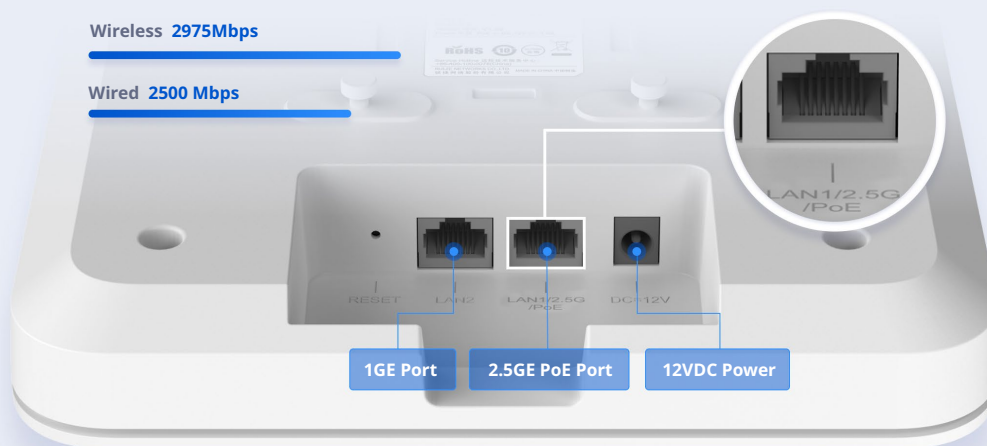Performance upgraded, support client connections over 500.

Users **500**

MU-MIMO

WiFi6 AX3000

5G

2.4G

Highlight Features

Boost You Internet Speed with 2.5Gbps Uplink

Build network for future, protect your investments.

Wireless **2975Mbps**

Wired **2500 Mbps**

LAN1/2.5G
/PoE

1GE Port

2.5GE PoE Port

12VDC Power

Easily Install Extra AP with Reyee Mesh

Less wiring, more relaxing.

Highlight Features

More Flexiable Wi-Fi Authentication

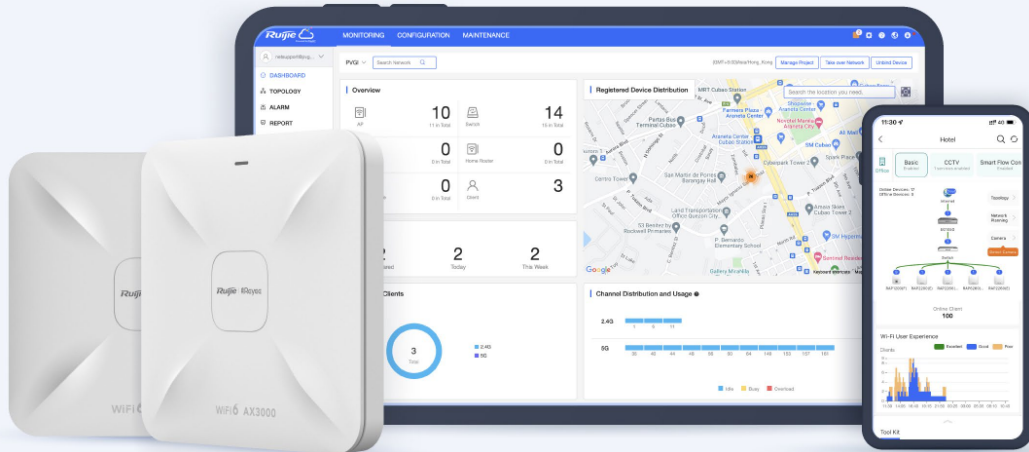Support standalone captive portal, easy to enable Wi-Fi authentication based on Ruijie Cloud only.*

portal.ruijienetworks.com
WiFi_60portal

Log In   Done

WELCOME!

Redefine Your Easy Network

I agree to the Terms of Service and Acceptable Use Policy

Click to Login

SMS Login

* 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, 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 dBi 5 GHz: 3 dBi
Transmit Power	2400-2483.5 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max EIRP ≤ 23 dBm 5250-5350 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5470-5600, 5650-5725 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5725-5850 MHz, max output power≤30dBm & EIRP ≤ 36 dBm
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
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

/ Specifications

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 802.11k/v/r
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	✓
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	✓

/ Specifications

Software Feature	
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	✓
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)

Specifications

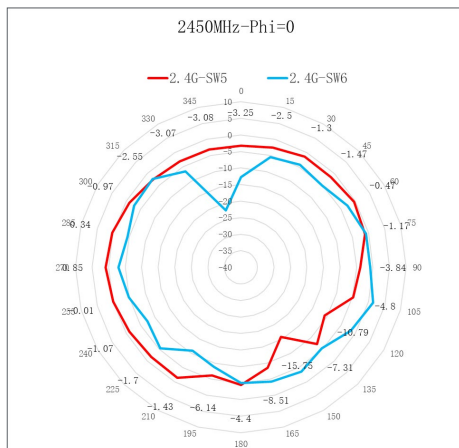| Physical	
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W × D × H)	88 mm x 82 mm x 7.8 mm
Mounting Hole Pattern	53 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3at PoE DC 12V/2A
Power Consumption	≤ 18W
PoE Power Budget	NA
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
Certification	ISED,cTUVus

Antenna Schematic

2.4GHz

2450MHz-Phi=0

2450MHz-Phi=90

2450MHz-Theta=90

5GHz

5200MHz-Phi=0

5500MHz-Phi=90

5500MHz-Theta=90
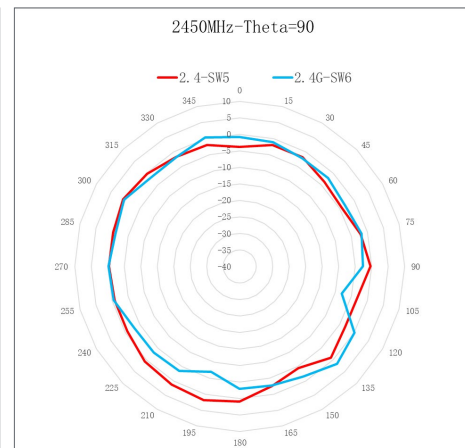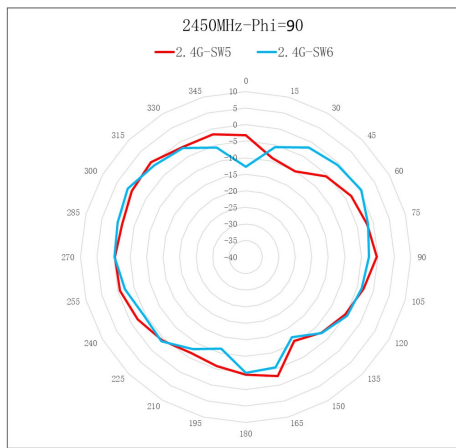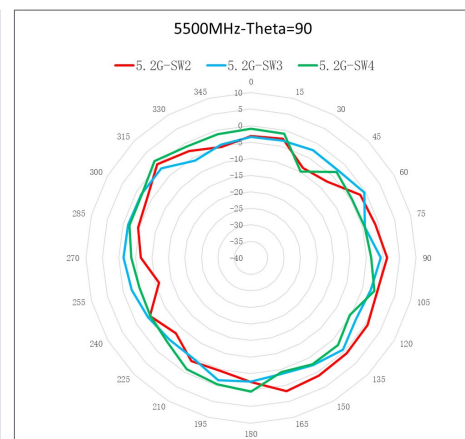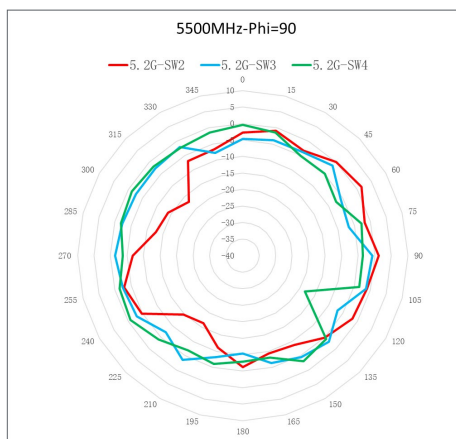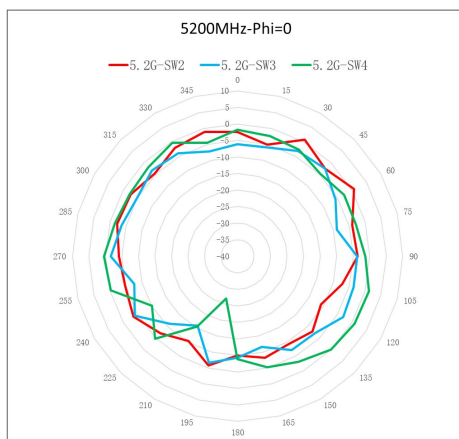
/ Package Contents

Package Information	RG-RAP2260-V2
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)	222 mm x 220 mm x 68 mm

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Redefine your easy network

Ruijie Networks Co., Ltd.
Website: https://reyee.ruijie.com/en-global