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# RG-RAP6260(G)

## Reyee Wi-Fi 6 AX1800 Outdoor Omni-directional Access Point

DATASHEET



### Highlights

- 'UFO' design, a perfect blend of Wi-Fi 6 technology and artwork
- IP68 protection, rock-solid in harsh environments
- Omni-directional coverage with long range
- Easily add extra outdoor Wi-Fi with Reyee Mesh
- Rack-separated mounting design, easily installation on high

## / Highlight Features

### Reyee New Generation Outdoor WiFi 6 Access Point

RG-RAP6260(G)



WiFi 6

802.11AX  
Standard



Gigabit  
SFP Port

100

Recommended  
Concurrent Users

IP68

Water/Dust  
Proof

6000V

Surge  
Protection

V0

Highest  
Flame-retardant Level

-40°C to 65°C

Operating  
Temperature



Angle Flexible  
Adjustment



L3 Roaming



Self-Organizing  
Network



Mobile APP  
Management



Remote  
Maintenance

# / Highlight Features

### Move Wi-Fi 6 to Outdoors

RG-RAP6260(G) Compliant with the 802.11AX Wi-Fi 6 Standard



Speed



Concurrent Users



Wireless Coverage

Network Delay





### Allow 100 Users Access Concurrently to Internet

OFDMA

MU-MIMO





## / Highlight Features

### Outdoor Wireless Can Also be Faster

AX1800 standard, 1200Mbps speed on 5GHz  
Even at Outdoors, the Wi-Fi Speed can also be better



Square



Scenic spot



Station



School



Market



Construction Site

### Support Extra-Distance Access Point Deployment

With gigabit SFP port, the device supports up to 20km  
transmission from datacenter with single mode fiber



## Highlight Features

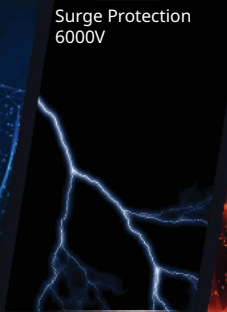
### No Worries About Harsh Environment

Industrial-Level Design, More Reliable

IP68 Level  
Protection



Surge Protection  
6000V



Flame-retardant  
V0 Highest Level



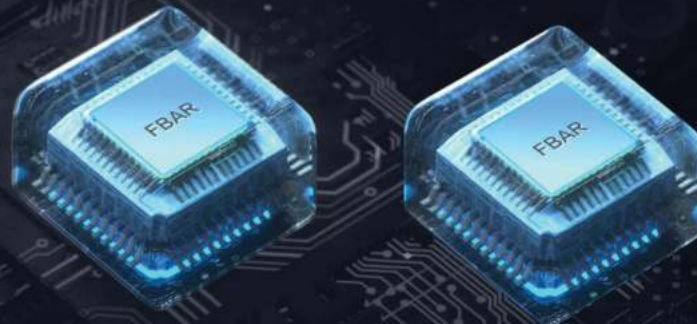
Wide Temperature  
-40°C ~ 65°C



### Signal Interference Filtered, Transmission More Stabilized

Equipped with high quality FBAR filter, which can effectively suppress and filter the interference from carrier cell base station and Bluetooth devices etc.

With high quality antenna, the receiving sensitivity is further optimized, thereby improves transmission quality.





## Highlight Features

### Layer 3 Roaming, Ensure Service Always Online

With layer 3 networking, when a user accesses the Internet across the layer 3 network, the terminal can perform a fast and smooth roaming switchover, ensuring service continuity



### Self-Organizing Network Gets All Devices Online Easily

Too many APs? Gateway, switch configuration too complex? Don't worry, SON can help you easily complete the whole network equipment setup.



# / Highlight Features

**From Setup, Debug, Delivery, to Maintenance  
Whole Network Cloud Management**

RG-RAP6260(G)





# Specifications

Basic Feature	
Wi-Fi Standards	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave2) Wi-Fi 4(IEEE 802.11n)
RF Design	2.4 GHz, 2 × 2, MU-MIMO 5 GHz, 2 × 2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps
Antenna	4
Antenna Type	Built-in Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi 5 GHz: 6 dBi
Transmit Power	Frequency bands using and the max EIRP: Note: Country specific restrictions apply <b>European Union &amp; United Kingdom</b> 2400-2483.5 MHz, EIRP≤ 20 dBm 5470-5725 MHz, EIRP≤ 30 dBm <b>United States:</b> 2400-2483.5 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power≤30dBm & EIRP ≤ 36 dBm <b>Myanmar :</b> 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm <b>Thailand:</b> 2.4 GHz to 2.4835 GHz: 20 dBm 5.470 GHz to 5.725 GHz: 30 dBm 5.725 GHz to 5.825 GHz: 30 dBm <b>Indonesia:</b> 2400-2483.5MHz, EIRP ≤ 36 dBm 5725-5825MHz, EIRP ≤ 36 dBm <b>Egypt:</b> 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm"
Fixed Ports	1 × 10/100/1000 Base-T 1 x SFP
Max. Clients	512

# / Specifications

## Basic Feature

Recommended Clients 100

Max. SSIDs 8

## Software Feature

### WLAN Basic Features

SSID Hiding ✓

Power Adjustment ✓

Roaming  
Layer 2 Roaming  
Layer 3 Roaming  
802.11k/v/r

OFDMA ✓

Target wake time (TWT)\* ✓

WMM ✓

Radar Signal Detection and  
Frequency Hopping ✓

### WLAN Security

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

Blacklist and Whitelist ✓

### Enhanced User Experience

Wi-Fi Optimization ✓

Automatic RF adjustment  
via the platform ✓

User Isolation Layer 2 User Isolation

STA limit ✓

Removing Low-RSSI STAs ✓

Configuring STAs' RSSI  
Threshold ✓

# / Specifications

Software Feature	
Average Speed Threshold	✓
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	✓
Quick channel adjustment (auto channel selection)	✓
Networks	
Network Access Mode	DHCP Client
VLAN	✓
System	
Cloud Management	✓
App Management	✓
App Upgrade	✓
App Restart	✓
Default Access/Password	10.44.77.254 The factory status password: admin
Scheduled Restart	✓
Local Upgrade	✓
Online Upgrade	✓
Factory Reset	✓

# Specifications

## WLAN Features

Frequency Bandwidth  
2.4 GHz: 20/40 MHz  
5 GHz: 20/40/80 MHz

Recommended Wi-Fi Coverage Radius  
2.4 GHz: 50m, 5 GHz: 150m

Max. Wi-Fi Coverage Radius  
2.4 GHz: 100m, 5 GHz: 300m

Operation Frequency Bands  
802.11b/g/n/ax: 2.400 GHz to 2.483 GHz  
802.11a/n/ac: 5.150 GHz to 5.350 GHz  
802.11a/n/ac/ax: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz  
country-specific restrictions apply

Receive Sensitivity

## Physical

LED Indicator  
3 × System LED Indicator

Buttons  
1 × Reset Button

Dimensions (W x D x H)  
200 mm × 220 mm × 166 mm (Without Mounting Bracket)

Weight  
1.2 kg (Without Mounting Bracket)

## Power

Power Supplies  
IEEE 802.3af/at PoE

Power Consumption  
≤ 17W

DC Port Dimensions  
Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm

## Environmental

Operating Temperature  
-40°C to 65°C

Storage Temperature  
-40°C to 85°C

Operating Humidity  
0% to 100% (Noncondensing)

Storage Humidity  
0% to 100% (Noncondensing)

IP(Ingress Protection)  
IP68

Port Surge  
4 kV

MTBF  
>250000H



 **R**edefine your **e**asy network

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