# 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

**BRYCO**

**Reyee New Generation Outdoor**

WiFi 6 **Access Point**

RG-RAP6260(G)

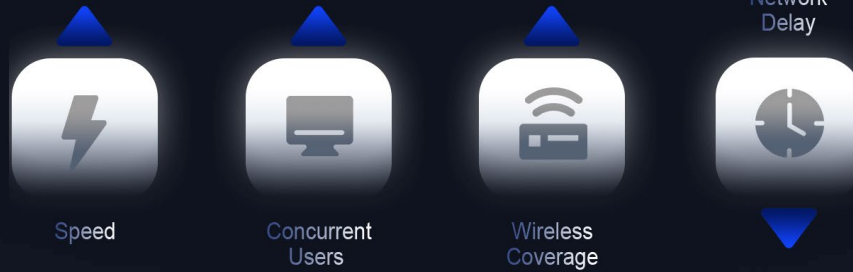| WiFi 6 | | 100 | IP68 |
|---|---|---|---|
| 802.11AX Standard | Gigabit SFP Port | Recommended Concurrent Users | Water/Dust Proof |
| 6000ᵥ | V0 | -40°C to 65°C | |
| Surge Protection | Highest Flame-retardant Level | Operating Temperature | Angle Flexible Adjustment |
| L3 Roaming | Self-Organizing 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

WiFi 6

### Allow 100 Users Access Concurrently to Internet

OFDMA

MU-MIMO

100

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## 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**
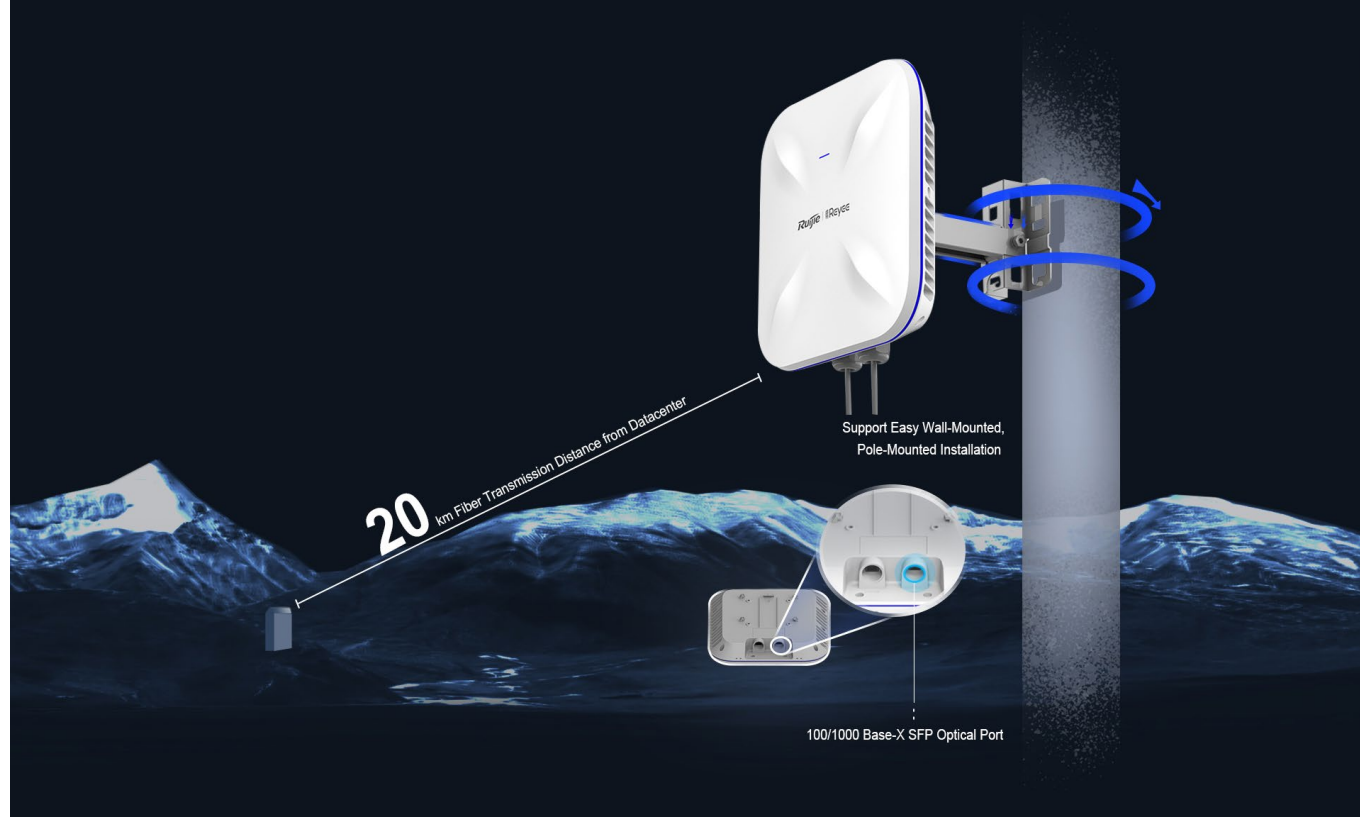
**Scenic spot**

**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

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20 km Fiber Transmission Distance from Datacenter

Support Easy Wall-Mounted,
Pole-Mounted Installation

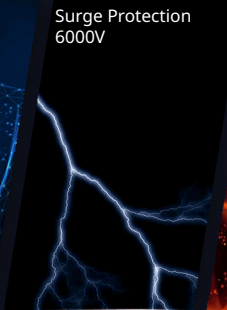100/1000 Base-X SFP Optical Port

# Highlight Features

## No Worries About Harsh Environment
Industrial-Level Design, More Reliable

IP68 Level
Protection

Surge Protection
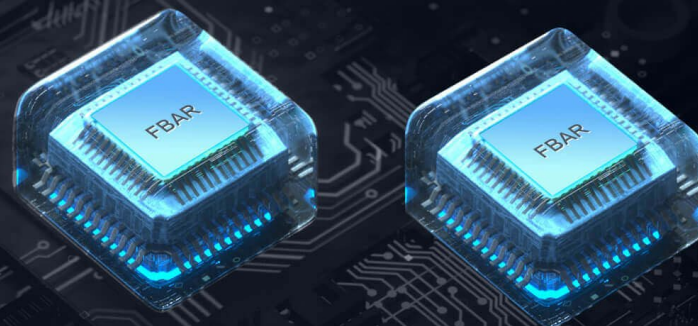6000V

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
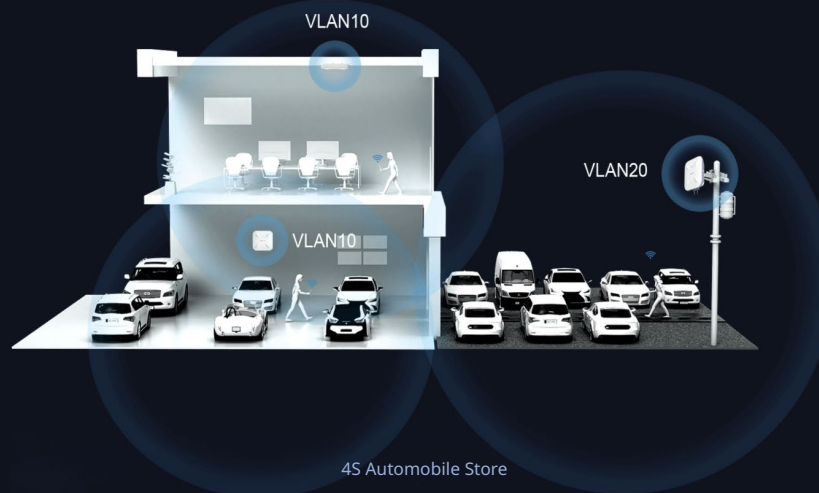carrier cell base station and Bluetooth devices etc.
With high quality antenna, the receiving sensitivity is further optimized, thereby improves
transmission quality.

FBAR

FBAR

# 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

VLAN10

VLAN20

VLAN10

4S Automobile Store

## 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.

EW Mesh Router

EST Wireless Bridge

RAP Series AP

NBS Switch

EAP Series AP

ES Switch

RG-RAP6260(G)

NBR Gateway

EG Gateway

NBC Controller

## Highlight Features



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

RG-RAP6260(G)

# Specifications

**BRYCO**

| Basic Feature | |
|---|---|
| Wi-Fi Standards | Wi-Fi 6 (IEEE 802.11ax)<br>Wi-Fi 5 (IEEE 802.11ac Wave2)<br>Wi-Fi 4(IEEE 802.11n) |
| RF Design | 2.4 GHz, 2 × 2, MU-MIMO<br>5 GHz, 2 × 2, MU-MIMO |
| Max. Wi-Fi Speed | 2.4 GHz: 574 Mbps<br>5 GHz: 1201 Mbps |
| Antenna | 4 |
| Antenna Type | Built-in Omnidirectional |
| Antenna Gain | 2.4 GHz: 4 dBi<br>5 GHz: 6 dBi |
| Transmit Power | Frequency bands using and the max EIRP:<br>Note: Country specific restrictions apply<br>**European Union & United Kingdom**<br>2400-2483.5 MHz, EIRP$\leq$ 20 dBm<br>5470-5725 MHz, EIRP$\leq$ 30 dBm<br>**United States:**<br>2400-2483.5 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>5150-5250 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>5250-5350 MHz, max output power<24dBm & EIRP $\leq$ 30 dBm<br>5470-5725 MHz, max output power<24dBm & EIRP $\leq$ 30 dBm<br>5725-5825 MHz, max output power$\leq$30dBm & EIRP $\leq$ 36 dBm<br>**Myanmar :**<br>2400-2483.5 MHz, EIRP $\leq$ 23 dBm<br>5725-5825 MHz, EIRP $\leq$ 30 dBm<br>**Thailand:**<br>2.4 GHz to 2.4835 GHz: 20 dBm<br>5.470 GHz to 5.725 GHz: 30 dBm<br>5.725 GHz to 5.825 GHz: 30 dBm<br>**Indonesia:**<br>2400-2483.5MHz, EIRP $\leq$ 36 dBm<br>5725-5825MHz, EIRP $\leq$ 36 dBm<br>**Egypt:**<br>2400-2483.5 MHz, EIRP $\leq$ 20 dBm<br>5150-5350 MHz, EIRP $\leq$ 23 dBm" |
| Fixed Ports | 1 × 10/100/1000 Base-T<br>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<br>Layer 3 Roaming<br>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<br>The factory status password: admin |
| Scheduled Restart | ✓ |
| Local Upgrade | ✓ |
| Online Upgrade | ✓ |
| Factory Reset | ✓ |

# Specifications

| WLAN Features | |
|---|---|
| Frequency Bandwidth | 2.4 GHz: 20/40 MHz<br>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<br>802.11a/n/ac: 5.150 GHz to 5.350 GHz<br>802.11a/n/ac/ax: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz<br>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 |

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## Redefine your easy network