

RG-RAP6260(H) Wi-Fi 6 AX6000 High-density Outdoor Access Point

DATASHEET

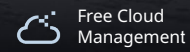
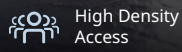


Highlights

- Ultra-fast 5.95Gbps outdoor AP, best-in-class Wi-Fi performance.
- Boost your Internet speed with 2.5GE uplink.
- Easily expand extra outdoor Wi-Fi with Reyee Mesh.
- Extra-distance access point deployment with SFP port.
- IP68 protection, rock-solid in harsh environments.

Highlight Features

Build Ultra-fast Outdoor Wi-Fi 6



Best-in-class Wi-Fi Performance

With a revolutionary combination of OFDMA and 1024QAM, the latest 802.11ax standard, the 160MHz band, and dual band 4x4 MU-MIMO, RG-RAP6260(H) wireless aggregation rate reaches 5.95Gbps.



Highlight Features

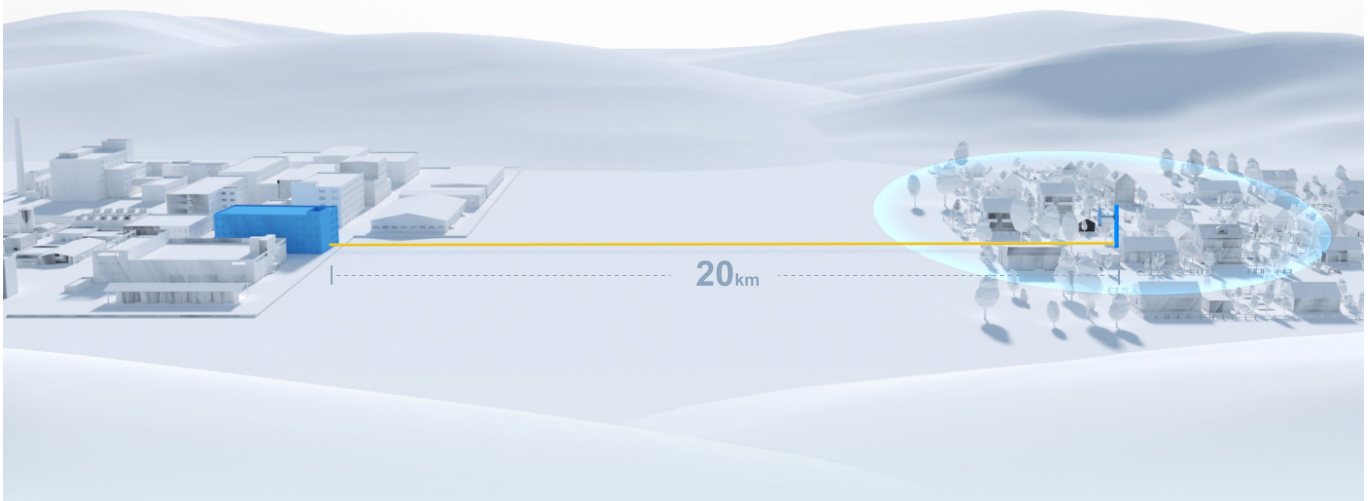
Easily Add Extra Outdoor Wi-Fi with Reyee Mesh

Less wiring, more relaxing



Support Extra-Distance Access Point Deployment

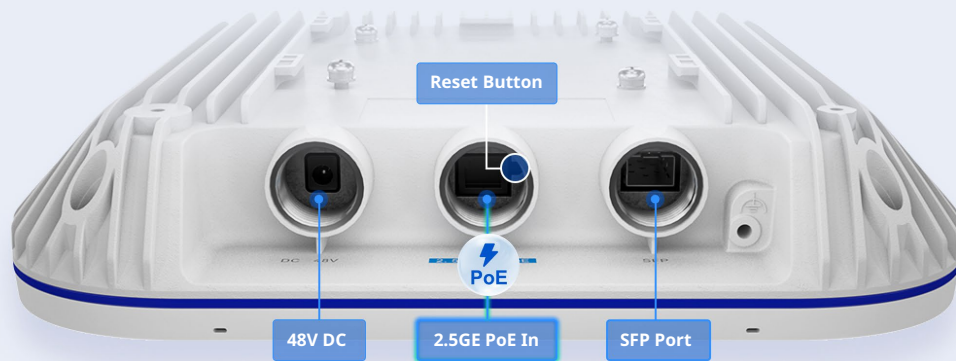
With **gigabit SFP** port, the device supports up to **20km** transmission from datacenter with single mode fiber



Highlight Features

Boost Your Internet Speed with 2.5Gbps Uplink

Build network for future, protect your investments.



Rock-solid in Harsh Environments

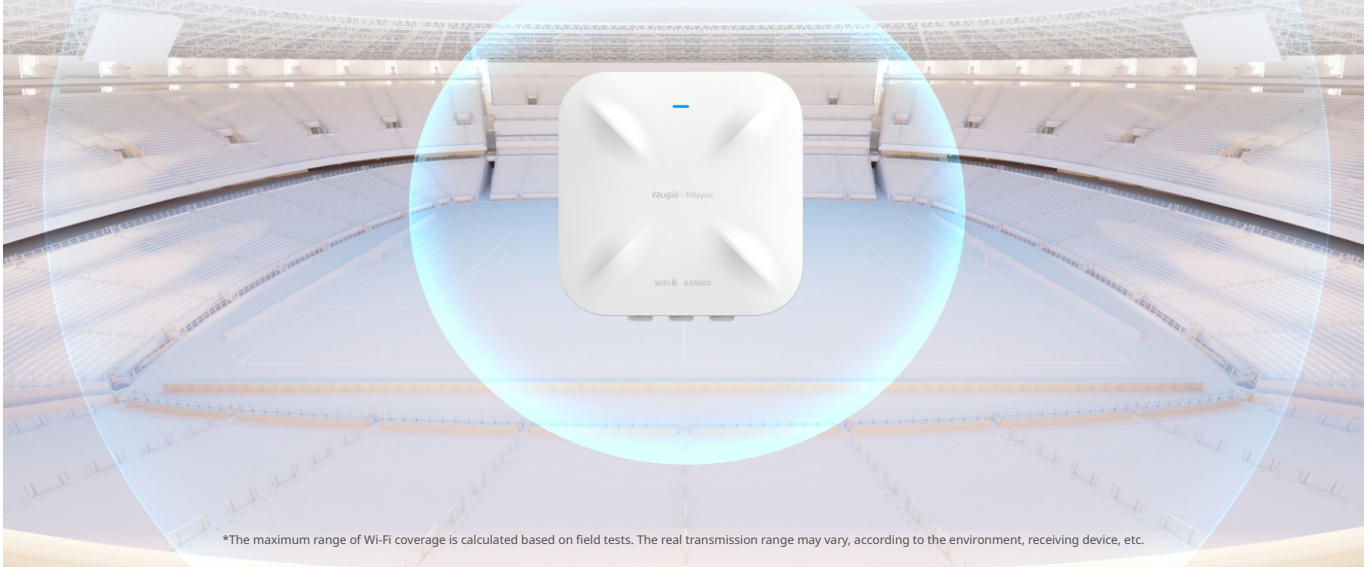
Adopts completely sealed, waterproof, dustproof, moisture proof and flame-retardant, wind erosion protection, Wide Temperature range, and 4kV surge protection design.



Highlight Features

Omni-directional Coverage with Long Range

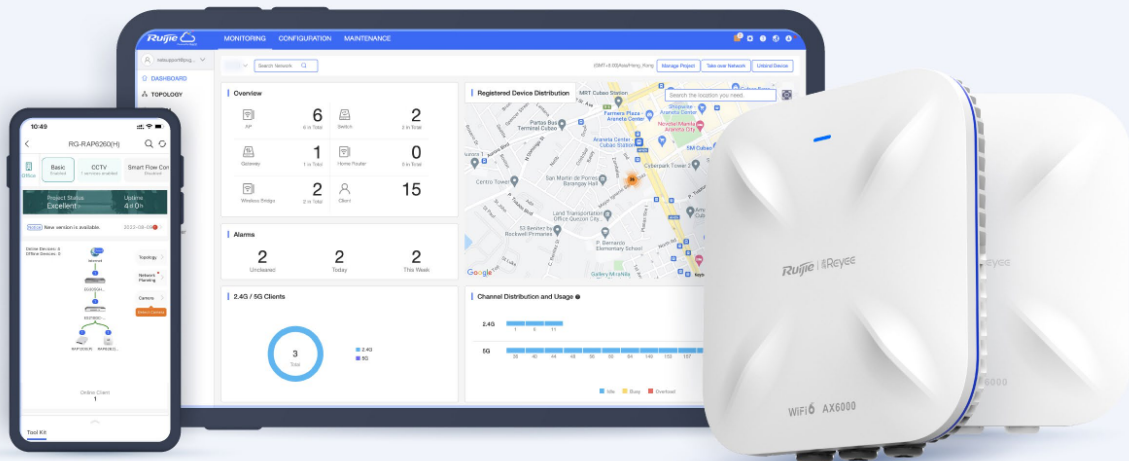
Built-in 8 high gain antennas, supports full coverage with radius of 100 meters at 2.4GHz, and 300 meters at 5GHz*.



*The maximum range of Wi-Fi coverage is calculated based on field tests. The real transmission range may vary, according to the environment, receiving device, etc.

Cloud, Make Your Business Easy

- Remote monitoring
- Remote Wi-Fi management
- Cloud portal authentication
- Wireless intelligent optimization



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, 4x4, MU-MIMO 5GHz, 4x4, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 1148Mbps 5GHz: 4804Mbps
Antenna	8
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4GHz: 3dBi 5 GHz: 4dBi
Transmit Power	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5470-5725 MHz, EIRP ≤ 30 dBm United States: 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 Myanmar : 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 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 Indonesia: 2400-2483.5MHz, EIRP ≤ 36 dBm 5725-5825MHz, EIRP ≤ 36 dBm Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm
Fixed Ports	1 x 100/1000/2500 Base-T port 1 x 1GBase-X SFP port 1 x DC port 1 × Reset button

Specifications

Basic Feature

Max. Clients	512
Recommended Clients	130
Max. SSIDs	8
Recommended Wi-Fi Coverage Radius	2.4GHz: 50 meters 5GHz: 150 meters The Wi-Fi coverage is related to the installation environment of the access point.
Max. Wi-Fi Coverage Radius	300 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 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	
Wi-Fi Password	16 Digits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Blacklist and Whitelist	✓

Specifications

Software Feature	
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	✓
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	✓

Specifications

System

Online Upgrade	✓
Dual-bin Backup	✓
Factory Reset	✓
Language	Chinese English
System Log	✓
Diagnostics	✓
Network Check	✓

Physical

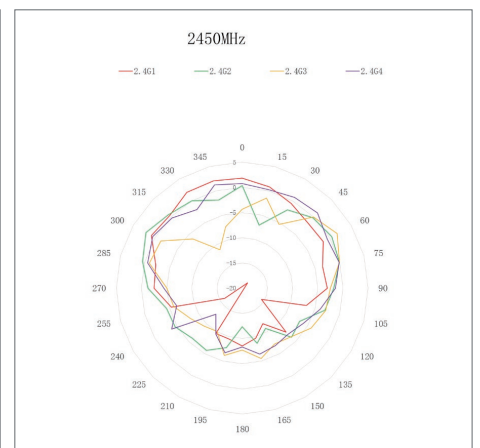
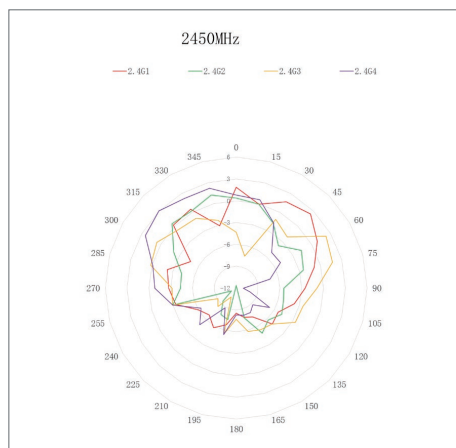
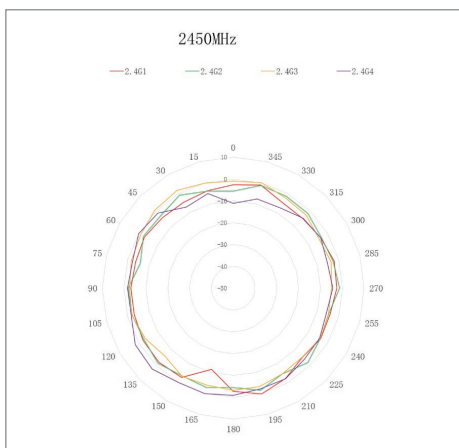
LED Indicator	1 × System LED indicator
Buttons	1 × Reset button
Dimensions (W × D × H)	298mm×298mm×65mm (Without Mounting Bracket)
Weight	Main Unit: 3.5 kg Mounting Bracket: 1.35kg
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Installation	Wall-Mountable/Pole-Mountable
Mounting Bracket Dimensions (W × D × H)	124 mm x 120 mm x 35 mm
Mounting Hole Pattern	65 mm x 105 mm
Mounting Hole Diameter	9 mm
Pole Diameter	70 mm to 140 mm
Power Supplies	IEEE 802.3bt PoE DC 48V/1A
Power Consumption	≤ 40W
PoE Power Budget	NA

Specifications

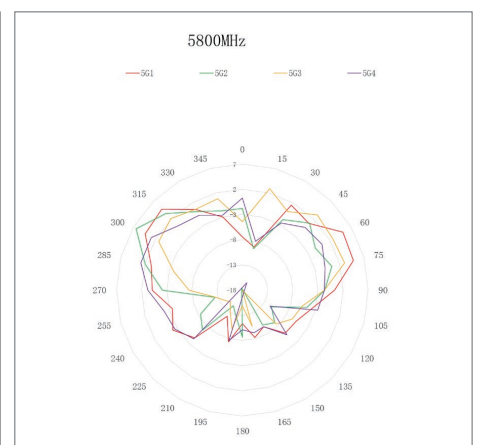
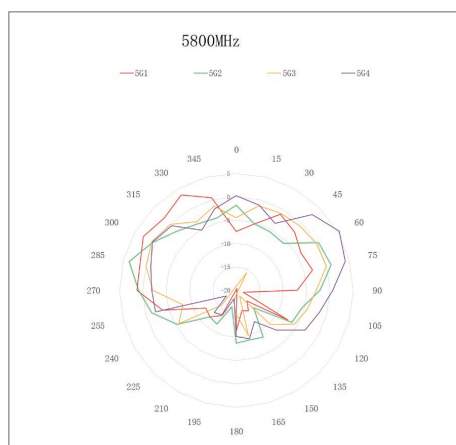
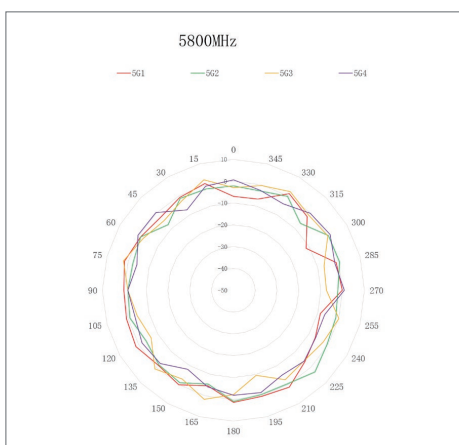
Physical	
Environmental	
Operating Temperature	-40°C ~ 65°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	0% to 100% Noncondensing
Storage Humidity	0% to 100% Noncondensing
IP(Ingress Protection)	IP68
Port Surge	4kV
MTBF	>400000H

Antenna Schematic

2.4GHz



5GHz



Package Contents

Package Information	RG-RAP6260(H)
Access Point	1
Hose Clamp	2
Mounting Plate	1
M8 x 20 Screws	4
M8 x 60 Expansion Anchors	4
Cable Gland for SFP Port	1
Cable Gland for Ethernet Port (Pre-installed on the access point)	1
SFP Port Plug (Pre-installed on the access point)	1
Mounting Arm	1
DC Connector Plug (Pre-installed on the access point)	1
Cable Gland for DC Connector	1
Grounding Cable	1
User Manual	1
Package Weight	5.47 kg

Package Dimension (w x d x h)

395 mm x 395 mm x 197 mm

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