

RG-RAP62-OD

AX3000 Wi-Fi 6 Indoor/Outdoor Versatile Access Point

DATASHEET



Highlights

- AX3000 Versatile Outdoor/Indoor Mesh AP for Villas and Retail Businesses
- Wall or Pole Mounting to Fit in Any Location
- IP65 Weatherproof Rating, Delivering Consistent Protection and Signal Stability
- Build-in Antennas for Customized Coverage Where Needed
- Tailored for Retail Businesses with Reyee Mesh, Standalone Portal, and AI Roaming Features

Specifications

Model	RG-RAP62-OD
Hardware Specifications	
Wi-Fi Protocols	Wi-Fi 4: IEEE 802.11a/b/g/n Wi-Fi 5: IEEE 802.11ac Wave 2 Wi-Fi 6: IEEE 802.11ax
Spatial Streams	2.4 GHz, 2x2 MIMO 5 GHz, 2x2 MIMO
Antenna	Built-in Antenna gain: 2.4 GHz, 4.0 dBi; 5 GHz, 6.5 dBi
Data Rate	Max. throughput: 2976 Mbps 2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Frequency bands using and the max EIRP: 2.4 GHz, EIRP ≤ 23dBm 5 GHz, EIRP ≤ 23dBm	
Note: Country-specific restrictions apply. European Union & United Kingdom: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5470 MHz to 5725 MHz, EIRP ≤ 30 dBm	
United States: 2400 MHz to 2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5150 MHz to 5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5250 MHz to 5350 MHz, max output power ≤ 24 dBm & EIRP ≤ 30 dBm 5470 MHz to 5725 MHz, max output power ≤ 24 dBm & EIRP ≤ 30 dBm 5725 MHz to 5825 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm	
Max. Transmit Power	Myanmar: 2400 MHz to 2483.5 MHz, EIRP ≤ 23 dBm 5725 MHz to 5825 MHz, EIRP ≤ 30 dBm
	Thailand: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5470 MHz to 5725 MHz, EIRP ≤ 30 dBm 5725 MHz to 5825 MHz, EIRP ≤ 30 dBm
	Indonesia: 2400 MHz to 2483.5 MHz, EIRP ≤ 36 dBm 5725 MHz to 5825 MHz, EIRP ≤ 36 dBm
	Egypt: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5150 MHz to 5350 MHz, EIRP ≤ 23 dBm
Service Ports	1 x 10/100/1000BASE-T port (PoE-In)
Power Supply	IEEE 802.3af/at standard PoE 24/48 V passive PoE
LEDs	1 x system LED (blue)
MTBF	> 400000 hours

Specifications

Model	RG-RAP62-OD
Hardware Specifications	
Operating Temperature	-30°C to +65° (-22°F to +149°F)
Storage Temperature	-40°C to +85° (-40°F to +185°F)
Operating Humidity	0% to 100% (non-condensing)
Storage Humidity	0% to 100% RH (non-condensing)
IP Rating	IP65
Lightning Protection/Surge	±4 kV
Installation	Wall mounted or pole mounted
Dimensions (W x D x H)	200 mm x 70 mm x 35 mm (7.87 in. x 2.76 in. x 1.38 in.)
Weight	≤ 0.4 kg (0.88 lbs.)
Software Specifications	
Operating Mode	AP mode and router mode
Max. Number of Clients	512
Recommended Number of Clients	110
Max. Number of SSIDs	8
Radio-based STA Limit	√
Roaming	AI roaming Layer 2 roaming Layer 3 roaming 802.11 k/v/r
Security	Wireless client isolation Blocklists and allowlists 802.1X WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA-Enterprise, WPA2-Enterprise, WPA/WPA2-Enterprise, OWE, WPA3-SAE, WPA2-PSK/WPA3-SAE
Routing	Static IP, DHCP, PPPoE, NAT
AP Mesh	Mesh management Reyee Mesh
WDS	√
Standalone Portal	√

Specifications

Model	RG-RAP62-OD
Software Specifications	
Management and Maintenance	Support 300 APs on a self-organizing network Support unified networking for all network equipment Support local or remote management via Ruijie Reyee App Support local management via the web interface Support remote management via Ruijie Cloud
Platform Management Features	Optimization of channel, transmit power, and management frame power settings Display of pre- and post-optimization settings Unified configuration via Ruijie Cloud Unified monitoring via Ruijie Cloud
Others	
Certification	CE, RoHS, FCC, ISED, cTUVus
Package Contents	1 x AP/ 1 x mounting plate/ 1 x cable tie/ 1 x waterproof silicone plug/ 2 x Phillips pan head screws (ST4.2 x 20 PWA)/ 2 x wall anchors/ 1 x User Manual/ 1 x Warranty Card
Package Dimensions (W x D x H)	122 mm x 250 mm x 68 mm (4.80 in. x 9.84 in. x 2.68 in.)
Package Weight	0.57 kg (1.26 lbs.)

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