Ruijie | Reyee

DATASHEET

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Date: 2025.10.11

Highlight Features







Highlight Features





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Model	RG-RAP1260
Product Type	Wall AP

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Model	RG-RAP1260
Wi-Fi Radio	
6 GHz Wi-Fi	No
5 GHz Wi-Fi	Wi-Fi 4 (IEEE 802.11a/n) Wi-Fi 5 (IEEE 802.11ac) Wi-Fi 6 (IEEE 802.11ax)
2.4 GHz Wi-Fi	Wi-Fi 4 (IEEE 802.11b/g/n) Wi-Fi 6 (IEEE 802.11ax)
Operating band	IEEE 802.11b/g/n/ax, 2.400 GHz to 2.4835 GHz IEEE 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 Note: Available bands vary with countries and regions. To use the preceding frequency bands, ensure that your country or region supports these frequency bands.
Radio design	Dual-radio 4 spatial streams 2.4 GHz: 2 x 2, MU-MIMO 5 GHz: 2 x 2, MU-MIMO
FEM	iFEM
6 GHz channel width	No
5 GHz channel width	Auto/20/40/80/160 MHz
2.4 GHz channel width	Auto/20/40 MHz
Maximum wireless data rate	2974 Mbps
6 GHz wireless data rate	No
5 GHz wireless data rate	2401 Mbps
2.4 GHz wireless data rate	573 Mbps

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Model	RG-RAP1260
Maximum transmit power	Frequency bands and maximum Effective Isotropic Radiated Power (EIRP): Note: Country specific restrictions apply. European Union & United Kingdom: 2400 ~2483.5 MHz, EIRP Q20 dBm 5150 ~5350 MHz, EIRP Q23 dBm 5470 ~5725 MHz, EIRP Q30 dBm United States: 2400 ~2483.5 MHz, max output power Q30 dBm & EIRP Q36 dBm 5150 ~5250 MHz, max output power Q30 dBm & EIRP Q36 dBm 5250 ~5350 MHz, max output power < 24 dBm & EIRP Q30 dBm 5470 ~5725 MHz, max output power < 24 dBm & EIRP Q30 dBm 5725 ~5850 MHz, max output power Q30 dBm & EIRP Q36 dBm Myanmar: 2400 ~2483.5 MHz, EIRP Q23 dBm 5725 ~5825 MHz, EIRP Q30 dBm Thailand: 2400 ~2483.5 MHz, EIRP Q20 dBm 5150 ~5350 MHz, EIRP Q23 dBm 5470 ~5725 MHz, EIRP Q30 dBm 5725 ~5825 MHz, EIRP Q30 dBm Indonesia: 2400 ~2483.5 MHz, EIRP Q27 dBm 5150 ~5350 MHz, EIRP Q23 dBm 5725 ~5825 MHz, EIRP Q23 dBm Egypt: 2400 ~2483.5 MHz, EIRP Q20 dBm 5150 ~5350 MHz, EIRP Q23 dBm
Maximum transmit power (6 GHz)	No
Maximum transmit power (5 GHz)	Combined power: 21 dBm (single-stream power: 18 dBm) Note: The transmit power varies according to regulations in different countries and regions.
Maximum transmit power (2.4 GHz)	Combined power: 21 dBm (single-stream power: 18 dBm) Note: The transmit power varies according to regulations in different countries and regions.
Coverage range	55 (592.02 square ft.) Note: The data is obtained in an ideal environment without obstruction. The signal coverage radius depends on client performance and environmental interference.
Modulation	OFDM: BPSK @ 6/9 Mbps, QPSK @ 12/18 Mbps, 16-QAM @ 24 Mbps, 64-QAM @ 48/54 Mbps DSSS: DBPSK @ 1 Mbps, DQPSK @ 2 Mbps, and CCK @ 5.5/11

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Model	RG-RAP1260
	Mbps MIMO-OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM and 1024-QAM OFDMA
Receive sensitivity	11b: ˝91 dBm (1 Mbps), ˝88 dBm (5.5 Mbps), ˝85 dBm (11 Mbps) 11a/g: ˝89 dBm (6 Mbps), ˝80 dBm (24 Mbps), ˝76 dBm (36 Mbps), ˝71 dBm (54 Mbps) 11n: ˝83 dBm (MCS0), ˝65 dBm (MCS7), ˝83 dBm (MCS8), ˝65 dBm (MCS15) 11ac: 20 MHz: ˝83 dBm (MCS0), ˝57 dBm (MCS9) 11ac: 40 MHz: ˝79 dBm (MCS0), ˝57 dBm (MCS9) 11ac: 80 MHz: ˝76 dBm (MCS0), ˝51 dBm (MCS9) 11ac: 160 MHz: ˝76 dBm (MCS0), ˝50 dBm (MCS9) 11ax: 20 MHz: ˝85 dBm (MCS0), ˝58 dBm (MCS11) 11ax: 40 MHz: ˝82 dBm (MCS0), ˝54 dBm (MCS11) 11ax: 80 MHz: ˝79 dBm (MCS0), ˝52 dBm (MCS11) 11ax: 160 MHz: ˝76 dBm (MCS0), ˝49 dBm (MCS11)
Antenna	
Antenna	5 GHz: 1 built-in omnidirectional antenna Integrated 2.4 GHz and 5 GHz: 2 built-in omnidirectional antennas
Antenna horizontal orientation	No
Antenna vertical orientation	No
Antenna gain (6 GHz)	No
Antenna gain (5 GHz)	3.00 dBi
Antenna gain (2.4 GHz)	3.00 dBi
Dimensions and Weight	
Product dimensions (W x D x H)	86 mm x 24 mm x 124 mm (3.39 in. x 0.94 in. x 4.88 in.) (excluding the mounting bracket)
Color	White
Weight	Q0.26 kg (0.57 lbs.) (without packaging materials)
Shipping weight	Q0.42 kg (0.93 lbs.)
Port Specifications	

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Model	RG-RAP1260
Number of 10/100/1000BASE-T ports	5
Reset button	1
LEDs	1 x system status LED
Power Supply and Consumption	
Power supply	PoE/PoE+
Local power supply	No
Dimensions of the DC connector	No
PoE In standard	IEEE 802.3af (PoE) IEEE 802.3at (PoE+)
PoE budget	No
Maximum power consumption	14 W
Environment and Reliability	
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	˝40°C to +70°C (˝40°F to +158°F)
Operating humidity	5% RH to 95% RH (non-condensing)
Storage humidity	5% RH to 95% RH (non-condensing)
Mounting options	Junction box
IP rating	IP41
Surge protection	Ethernet port: ±2 kV for common mode
MTBF	400,000 hours
Certification and Regulatory Compliance	
RoHS	Yes
Safety compliance	EN 62368-1
EMC	EN 55032 EN 55035 EN 61000-3-3

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Model	RG-RAP1260
	EN 61000-3-2 EN 301489-1 EN 301489-3 EN 301489-17
RF	EN 300 328 EN 301 893 EN 300 440
Certification	CE, FCC, CB, ISED, cTUVus
System Specifications	
Flash memory	128 MB
RAM	512 MB DDR3

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Model	RG-RAP1260
Basic Configurations	
AP mode	Yes
Routing mode	Yes
Internet access mode	Static IP address Static IPv6 address Dynamic IP address Dynamic IPv6 address PPPoE
Interface	
IPTV transparent transmission	Yes
Ethernet Interface	
PPPoE clients	Yes
Ethernet Switching	
IEEE 802.1Q VLAN	Yes
WLAN	
Maximum number of associated wireless clients	64 (2.4 GHz) 256 (5 GHz) 256 (2.4 GHz and 5 GHz enabled)
Recommended number of associated wireless clients	‰ Support for IEEE 802.11ax and 160 MHz: 16 (2.4 GHz) 94 (5 GHz) 110 (2.4 GHz and 5 GHz enabled) ‰ Support for IEEE 802.11ax and 80 MHz: 16 (2.4 GHz) 64 (5 GHz) 80 (2.4 GHz and 5 GHz enabled) ‰ Support for IEEE 802.11ac: 8 (2.4 GHz) 32 (5 GHz) 40 (2.4 GHz and 5 GHz enabled)
Maximum number of SSIDs	8
Radio-based client limiting	Yes
Layer 2 isolation	Yes

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Model	RG-RAP1260
OFDMA	Yes
WMM	Yes
DFS	Yes
MLO	No
4K-QAM	No
Different SSIDs for the same VLAN	Yes
Enabling/Disabling MLO	No
AP load balancing	Yes
Beamforming	Yes
802.11k/v roaming	Yes
Fast transition (802.11r)	Yes
Layer 2 roaming	Yes
Layer 3 roaming	Yes
AI roaming	Yes
PSK authentication	Yes
Static allowlist	Yes
Adjusting the transmit power for beacon and probe frames	Yes
Encryption mode (WPA-PSK, WPA2-PSK, WPA/WPA2-PSK)	Yes
OWE (Enhanced Open) WPA3-SAE WPA2-PSK/WPA3-SAE	Yes
Number of blocklists and allowlists based on MAC addresses (single SSID)	256
Number of global blocklists/allowlists	256

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Model	RG-RAP1260
Mesh management	Yes
AP Mesh	Yes
AP portal authentication	Yes
Maximum number of devices that can be managed	300
One-Click Network Optimization	Yes
Static blocklist	Yes
IP Service	
ARP binding	Yes
IPv4 ping	Yes
IPv6 ping	Yes
Traceroute	Yes
Static/Dynamic NAT	Yes
DHCP server	Yes
Authentication	
802.1X authentication	Yes
Network Management and Monitoring	
Wireless repeater mode	Yes
Web login information	Single-device login address: 10.44.77.254 Network-wide login address: 10.44.77.253 Default password: admin
Network-wide configuration and management	Yes
Ruijie Reyee App management	Yes
eWeb management	Yes
Ruijie Cloud management	Yes
SNMP	Yes

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Model	RG-RAP1260
Configuration synchronization among the app, eWeb, and Ruijie Cloud	Yes
Displaying device information on Ruijie Cloud	Yes

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Model	RG-RAP1260
Accessories	
Power adapter	No

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