

RG-RAP6202(G) Reyee Wi-Fi 5 AC1300 Outdoor Omni-directional Access Point

DATASHEET



Highlights

- 'UFO' design, a perfect blend of wireless 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





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/ Highlight Features





Highlight Features





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	Basic Feature	
Wi-Fi Standards	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: 400 Mbps 5 GHz: 867 Mbps	
Antenna	4	
Antenna Type	Built-In Omnidirectional	
Antenna Gain	2.4 GHz: 3 dBi 5 GHz: 4 dBi	
Transmit Power	EIRP \leq 26 dBm(2.4GHz) \leq 27 dBm(5GHz) country-specific restrictions apply Myamar: 2400 MHz~2483.5 MHz \leq 20 dBm 5150 MHz~5350 MHz \leq 23 dBm 5470 MHz~5850 MHz \leq 25 dBm Thailand: 2400 MHz~2483.5 MHz \leq 20 dBm 5150 MHz~2483.5 MHz \leq 20 dBm 5150 MHz~5350 MHz \leq 23 dBm 5470 MHz~5350 MHz \leq 23 dBm 5470 MHz~5725 MHz \leq 25 dBm 5725 MHz~5850 MHz \leq 30 dBm	
Fixed Ports	2 × 10/100/1000 Base-T	
Max. Clients	110	
Recommended Clients	96	
Max. SSIDs	8	
Software Feature		
WLAN Basic Features		
SSID Hiding	~	
Power Adjustment	✓	



Software Feature		
WLAN Basic Features		
Roaming	Layer 2 Roaming Layer 3 Roaming	
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	✓	
Adjusting Sending Power of Beacon and Probe Response	✓	
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	✓	

Specifications

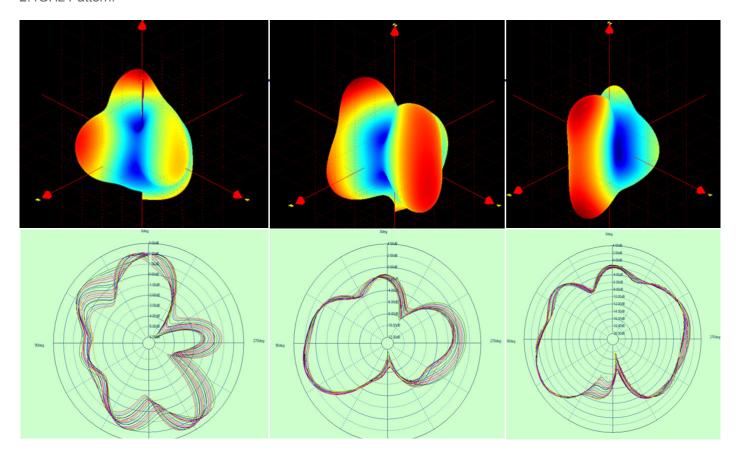
System Sy		
Cloud Management	~	
App Management	~	
App Upgrade	✓	
App Restart	✓	
Scheduled Restart	✓	
Local Upgrade	✓	
Online Upgrade	✓	
Factory Reset	✓	
WLAN Features		
Frequency Bandwidth	2.4 GHz: 20/40 MHz 5 GHz: 20/40/80 MHz	
Recommended Wi-Fi Coverage Radius	2.4GHz: 50m, 5GHz: 150m	
Max. Wi-Fi Coverage Radius	2.4GHz: 100m, 5GHz: 300m	
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 5.150 GHz to 5.350 GHz 802.11a/n/ac: 5.470 to 5.725 GHz , 5.725 to 5.850 GHz country-specific restrictions apply	
Receive Sensitivity	802.11b: -91 dBm(1Mbps), -88 dBm(5.5Mbps), -85 dBm(11Mbps) 802.11a/g: -89 dBm(6Mbps), -80 dBm(24Mbps), -76 dBm(36Mbps), -71 dBm(54Mbps) 802.11n: -83 dBm@MCS0, -65 dBm@MCS7, -83 dBm@MCS8, -65 dBm@MCS15 802.11ac VHT20: -83 dBm(MCS0), -57 dBm(MCS9) 802.11ac VHT40: -79 dBm(MCS0), -57 dBm(MCS9) 802.11ac VHT80: -76 dBm(MCS0), -51 dBm(MCS9)	
Physical Phy		
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	1.0 kg (Without Mounting Bracket)	



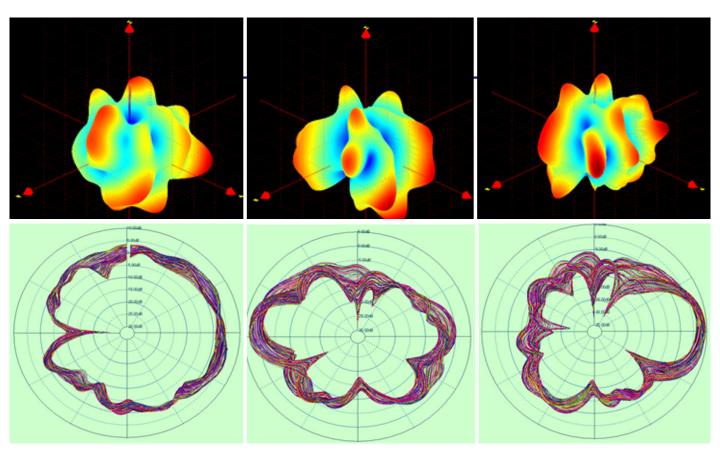
Physical Phy		
Power		
Power Supplies	IEEE 802.3af/802.3at PoE DC 12V/1.5A	
Power Consumption	≤ 13W	
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm	
Environmental Environmental		
Operating Temperature	-30°C to 65°C	
Storage Temperature	-40°C to 85°C	
Operating Humidity	0% to 100% (Noncondensing)	
Storage Humidity	0% to 100% (Noncondensing)	
IP(Ingress Protection)	IP68	
Port Surge	4 kV	
MTBF	>250000H	

Antenna Schematic

2.4GHz Pattern:



5GHz Pattern:



Package Contents

Package Information	RG-RAP6202(G)
RG-RAP6202(G) Access Point	1
User Manual	1
Pole Clamps	2
Mounting Plate	1
Expansion Bolts (M8*60)	4
M8*20 Screws	2
Cable Glands (Pre-installed)	2
Connecting Rod (Pre-installed)	1
Warranty Card	1
Package Weight	2.73 kg
Package Dimension (w x d x h)	472 mm x 257 mm x 223 mm





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