

Specifications

Hardware Specifications

Model	RG-RAP1200(P)	RG-RAP1200(F)
Radio	Dual-stream Dual-band	
Protocol	Concurrent 802.11ac Wave2, Wave1, 802.11a/b/g/n	
Operating Bands	802.11b/g/n: 2.4 GHz ~ 2.4835 GHz 802.11a/n/ac: 5 GHz: 5.150 GHz ~ 5.350 GHz, 5.725 GHz ~ 5.850 GHz. (Note:The operating bands vary according to different countries)	
Antenna	Built-in Antenna (2.4 GHz: 2 dBi, 5 GHz: 2 dBi)	
Spatial Streams	2.4 GHz: 2x2 MIMO 5 GHz: 2x2 MIMO	
Max Throughput	2.4 GHz: up to 400 Mbps 5 GHz: up to 867 Mbps Access rate per AP: 1.267 Gbps	
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 Mbps MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM and 256QAM	
Receive Sensitivity	11b: -91 dBm(1 Mbps), -88 dBm(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 HT20: -83 dBm(MCS0), -57 dBm(MCS9) 11ac HT40: -79 dBm(MCS0), -57 dBm(MCS9) 11ac HT80: -76 dBm(MCS0), -51 dBm(MCS9)	
Maximum Transmit Power	CE EIRP: ≤19 dBm (2.4 GHz) ≤18 dBm (5 GHz) country-specific restrictions apply	
Adjustable Power	1 dBm	
Dimensions	126 mm × 86 mm × 50 mm	86 mm × 86 mm × 29.3 mm
Weight	0.24 kg	0.05 kg
Service Ports	Front: 4 10/100/1000Base-T Ports, LAN1 supports IEEE.802.3af PoE OUT Rear: 1 10/100/1000Base-T (PoE in)	Front: 1 10/100Base-T Ports Rear: 1 10/100Base-T (PoE in)
LED Indicator	1 LED indicator	

Specifications

Hardware Specifications

Model	RG-RAP1200(P)	RG-RAP1200(F)
Power Supply	Support PoE (802.3af/at)	
Power Consumption	≤ 8W	
Environment	Operating temperature: 0°C ~ 40°C	
	Storage temperature: -40°C ~ 70°C	
	Operating humidity: 0% ~ 100%(non-condensing)	
	Storage humidity: 0% ~ 100%(non-condensing)	
Installation	Wall plate installation	
Safety Standard	GB4943, IEC 62368-1	
EMC Standard	GB9254, EN301 489, EN50155, EN50121, EN55032, EN61000, EN55035	
Vibration Standard	IEC61373	
Radio Standard	SRRC certification, EN300 328, EN301 893	
MTBF	> 250000H	

Software Features

Operating Mode	AP mode and routing mode	
WLAN	Maximum number of clients: 110	Maximum number of clients: 110
	Recommended Clients: 80	Recommended Clients: 40
	Support SSID hiding Configuring the authentication mode, encryption mechanism, and VLAN attributes for each SSID	
	SSID-based and radio-based STA limit	
	Support Layer 2 user isolation	
Roaming	Support Layer 2 and Layer 3 roaming	
Security	Support PSK authentication	
	Support static blacklist and whitelist	
	Support WPA (TKIP), WPA2 (AES), and WPA-PSK data encryption	