

Code: RG-AP840-L

ACCESS POINT **RG-AP840-L** Wi-Fi 6, SFP 2.4 GHz, 5 GHz, 547 Mbps + 4804 Mbps RUIJIE

The RG-AP840-L access point broadcasts 2 separate wireless networks in the 5 GHz band with speed 4804 Mb/s and in the 2.4 GHz band with speed 574 Mb/s. Simple tasks such as sending e-mails or web browsing can be handled by the 2.4 GHz band while bandwidth intensive tasks like online gaming or HD video streaming can be processed by the 5 GHz band - all at the same time.

The product is used in service points, shops, in companies and at home. Wall or ceiling mounting.

Supports 802.11ax standard - the next generation of Wi-Fi.

Access Point is managed through the web and the cloud (Ruijie Reyee application).



Frequency range:	• 2.4 GHz (2.4 ... 2.4835 GHz), • 5 GHz (5.150 ... 5.250, 5.250 ... 5.350, 5.470 ... 5.725, 5.725 ... 5.850 GHz) ,
Antenna type:	2x2 MU-MIMO - built-in • 3.8 dBi @ 2.4 GHz - 2 pcs , 4x4 MU-MIMO - built-in • 4.6 dBi @ 5 GHz - 4 pcs
Standards:	• IEEE 802.11 b/g/n/ax @ 2.4 GHz, • IEEE 802.11 a/n/ac/ax @ 5 GHz
Baud rates:	547 Mbps @ 2.4 GHz + 4804 Mbps @ 5 GHz
LAN ports:	• 1 x 100 / 1000 / 2500 / 5000 Mbps Ethernet + PoE IN - RJ45, • 1 x 10 / 100 / 1000 Mbps Ethernet + PoE OUT - RJ45, • 1 x 5 Gbps - SFP
Port USB:	USB 3.0, 5 V / 1 A
LED indicators:	Power / System
DDNS:	—

DHCP server:	✓
Firmware update:	✓
Protections:	• WEP 64/128-bit, WPA-TKIP, WPA-PSK, WPA2 AES, WPA3-Personal/Enterprise • IEEE 802.1x and Radius Authentication • Black list • Access Control List - ACL package filtering based on source and destination MAC addresses • CPP • NFPP • SSID hiding
Operation modes:	Access Point
Management interface:	• Ruijie Cloud Central Management System • Configuration using the Ruijie Reyee application • Remote management • Web browser • Console - RJ-45 output
Mobile phones support:	Android: Free application Ruijie Reyee iOS (iPhone): Free application Ruijie Reyee
Default IP address:	192.168.110.1
Transmitter power:	max. 27 dBm @ 2.4 GHz max. 30 dBm @ 5 GHz
Main features:	• Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments • OFDMA • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • Load balance • WLAN : 32 x BSSID - 16 x Wireless BSSID • Multicast • IPv4/IPv6 - Static routing • ICMP • VPN support : IPsec, PPPoE • SNMP • Statistical Reporting, System logs • DHCP client • Bluetooth 5.1 interface • RESET button • Power output : 48 V / 12.95 W PoE OUT / IoT - RJ45 • Power output : 5 V / 5 W - USB-A
Housing:	Plastic
Power supply PoE:	Hi-PoE (802.3af/at/bt)
Power supply:	• 54 V DC / 1.1 A (not included) • PoE / PoE+ / Hi-PoE (802.3bt)
Power consumption:	max. 40 W
Operation temp:	-10 °C ... 50 °C
Permissible relative humidity:	5 % ... 95 % (non-condensing)
Weight:	• 1 kg (without bracket) • 1.1 kg (with bracket)
Dimensions:	230 x 230 x 52 mm (without bracket)
Manufacturer / Brand:	RUIJIE



DATA SHEET

Guarantee:

3 years