

Code: RG-AP840-I

ACCESS POINT **RG-AP840-I** Wi-Fi 6, 2.4 GHz, 5 GHz, 400 Mbps + 4800 Mbps RUIJIE

The RG-AP840-I access point broadcasts 2 separate wireless networks in the 5 GHz band with speed 4800 Mb/s and in the 2.4 GHz band with speed 400 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 ... 5.350, 5.470 ... 5.725, 5.725 ... 5.850 GHz),
Antenna type:	2x2 MU-MIMO - built-in • 3 dBi @ 2.4 GHz - 2 pcs , 4x4 MU-MIMO - built-in • 3 dBi @ 5 GHz - 4 pcs
Standards:	• IEEE 802.11 b/g/n @ 2.4 GHz, • IEEE 802.11 a/n/ac/ax @ 5 GHz
Baud rates:	400 Mbps @ 2.4 GHz + 4800 Mbps @ 5 GHz
LAN ports:	• 1 x 10 / 100 / 1000 Mbps Ethernet + PoE IN - RJ45, • 1 x 10 / 100 / 1000 Mbps Ethernet - RJ45, • 1 x 10 / 100 / 1000 Mbps Ethernet + PoE OUT - RJ45
Port USB:	USB 2.0, 5 V / 0.5 A
LED indicators:	Power / System
DDNS:	—
DHCP server:	✓



DATA SHEET

Firmware update:	✓
Protections:	• WEP 64/128-bit, WPA-TKIP, WPA-PSK, WPA2 AES, WPA3 • IEEE 802.1x and Radius Authentication • Black list • LAN ACL • 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. 20 dBm @ 2.4 GHz max. 20 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 • Multicast • IPv4/IPv6 • VPN support • SNMPv1/v2c/v3(MIB-2) • Statistical Reporting, System logs • DHCP client • DHCP snooping support • Bluetooth interface • RESET button • Power output : 12 V / 3 W PoE OUT / IoT - RJ45 • Power output : 5 V / 2.5 W - USB-A
Housing:	Plastic
Power supply PoE:	PoE (802.3af/at)
Power supply:	• 48 V DC / 1 A (not included) • PoE / PoE+
Power consumption:	max. 25.4 W
Operation temp:	-10 °C ... 50 °C
Permissible relative humidity:	5 % ... 95 % (non-condensing)
Weight:	• 0.95 kg (without bracket) • 1 kg (with bracket)
Dimensions:	220 x 220 x 52 mm (without bracket)
Manufacturer / Brand:	RUIJIE
Guarantee:	3 years