

Code: RG-AP840-L

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

Net: **453.33 EUR** Gross: **453.33 EUR**

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).



## SPECIFICATION

|                  |                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency range: | <ul style="list-style-type: none"><li>• 2.4 GHz ( 2.4 ... 2.4835 GHz ),</li><li>• 5 GHz ( 5.150 ... 5.250, 5.250 ... 5.350, 5.470 ... 5.725, 5.725 ... 5.850 GHz ) ,</li></ul>                         |
| Antenna type:    | <ul style="list-style-type: none"><li>2x2 MU-MIMO - built-in</li><li>• 3.8 dBi @ 2.4 GHz - 2 pcs ,</li><li>4x4 MU-MIMO - built-in</li><li>• 4.6 dBi @ 5 GHz - 4 pcs</li></ul>                          |
| Standards:       | <ul style="list-style-type: none"><li>• IEEE 802.11 b/g/n/ax @ 2.4 GHz,</li><li>• IEEE 802.11 a/n/ac/ax @ 5 GHz</li></ul>                                                                              |
| Baud rates:      | 547 Mbps @ 2.4 GHz + 4804 Mbps @ 5 GHz                                                                                                                                                                 |
| LAN ports:       | <ul style="list-style-type: none"><li>• 1 x 100 / 1000 / 2500 / 5000 Mbps Ethernet + PoE IN - RJ45,</li><li>• 1 x 10 / 100 / 1000 Mbps Ethernet + PoE OUT - RJ45,</li><li>• 1 x 5 Gbps - SFP</li></ul> |
| Port USB:        | USB 3.0, 5 V / 1 A                                                                                                                                                                                     |
| LED indicators:  | Power / System                                                                                                                                                                                         |
| DDNS:            | —                                                                                                                                                                                                      |
| DHCP server:     | ✓                                                                                                                                                                                                      |
| Firmware update: | ✓                                                                                                                                                                                                      |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Protections:                   | <ul style="list-style-type: none"> <li>• WEP 64/128-bit, WPA-TKIP, WPA-PSK, WPA2 AES, WPA3-Personal/Enterprise</li> <li>• IEEE 802.1x and Radius Authentication</li> <li>• Black list</li> <li>• Access Control List - ACL package filtering based on source and destination MAC addresses</li> <li>• CPP</li> <li>• NFPP</li> <li>• SSID hiding</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operation modes:               | Access Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Management interface:          | <ul style="list-style-type: none"> <li>• Ruijie Cloud Central Management System</li> <li>• Configuration using the Ruijie Reye application</li> <li>• Remote management</li> <li>• Web browser</li> <li>• Console - RJ-45 output</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mobile phones support:         | Android: Free application <a href="#">Ruijie Reye</a><br>iOS (iPhone): Free application <a href="#">Ruijie Reye</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Default IP address:            | 192.168.110.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Transmitter power:             | max. 27 dBm @ 2.4 GHz<br>max. 30 dBm @ 5 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Main features:                 | <ul style="list-style-type: none"> <li>• Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments</li> <li>• OFDMA</li> <li>• MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network</li> <li>• Load balance</li> <li>• WLAN : 32 x BSSID - 16 x Wireless BSSID</li> <li>• Multicast</li> <li>• IPv4/IPv6 - Static routing</li> <li>• ICMP</li> <li>• VPN support : IPsec, PPPoE</li> <li>• SNMP</li> <li>• Statistical Reporting, System logs</li> <li>• DHCP client</li> <li>• Bluetooth 5.1 interface</li> <li>• RESET button</li> <li>• Power output : 48 V / 12.95 W PoE OUT / IoT - RJ45</li> <li>• Power output : 5 V / 5 W - USB-A</li> </ul> |
| Housing:                       | Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power supply PoE:              | Hi-PoE (802.3af/at/bt)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power supply:                  | <ul style="list-style-type: none"> <li>• 54 V DC / 1.1 A (not included)</li> <li>• PoE / PoE+ / Hi-PoE (802.3bt)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power consumption:             | max. 40 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:                | -10 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Permissible relative humidity: | 5 % ... 95 % (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight:                        | <ul style="list-style-type: none"> <li>• 1 kg (without bracket)</li> <li>• 1.1 kg (with bracket)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                    | 230 x 230 x 52 mm (without bracket)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:          | RUIJIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## PRESENTATION

Front view:



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Mounting side view:







In the kit:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

