

Code: RG-RAP52-OD

ACCESS POINT **RG-RAP52-OD** 2.4 GHz, 5 GHz, 400 Mbps + 867 Mbps REYEE



The RG-RAP52-OD access point broadcasts 2 separate wireless networks in the 5 GHz band with speed 867 Mb/s and in the 2.4 GHz band with speed 400 Mb/s. The Access Point is designed for outdoor use, ensuring good connectivity in extreme weather environments over longer distances.

Device allows to secure data transmission using the encryption protocols: WPA-PSK/WPA-TKIP/WPA2-AES.

The product meets the IP65 tightness class.

Frequency range:	<ul style="list-style-type: none"> • 2.4 GHz (2.4000 ... 2.4835 GHz), • 5 GHz (5.150 ... 5.350, 5.470 ... 5.725 GHz, 5.725 ... 5.850 GHz) ,
Antenna type:	2x2 MIMO @ 2.4 / 5 GHz - 2 x Omnidirectional antenna Wi-Fi, dual-band - Outdoor (SMA connector), <ul style="list-style-type: none"> • 3 dBi @ 2.4 GHz / 4 dBi @ 5 GHz - 2 pcs
Standards:	<ul style="list-style-type: none"> • IEEE 802.11 b/g/n @ 2.4 GHz, • IEEE 802.11 a/n/ac @ 5 GHz
Baud rates:	400 Mbps @ 2.4 GHz + 867 Mbps @ 5 GHz
LAN ports:	1 x 10 / 100 / 1000 Mbps Ethernet + PoE IN - RJ45
Port USB:	—
LED indicators:	System
DDNS:	—
DHCP server:	✓
Firmware update:	✓





DATA SHEET

Protections:	<ul style="list-style-type: none">• WPA-TKIP, WPA-PSK, WPA2 AES• Black list• SSID hiding
Operation modes:	Access Point, Router
Management interface:	<ul style="list-style-type: none">• Ruijie Cloud Central Management System• Configuration using the Ruijie Reyeer application• Remote management• Web browser
Mobile phones support:	Android: Ruijie Reyeer free application iOS (iPhone): Ruijie Reyeer free application
Default IP address:	—
Transmitter power:	≤ 20 dBm @ 2.4 GHz ≤ 23 dBm @ 5.150 ... 5.350 GHz ≤ 30 dBm @ 5.470 ... 5.725 GHz
Main features:	<ul style="list-style-type: none">• MIMO technology - increases the throughput of wireless link (multiple antennas transmission)• Support for Reyeer Mesh technology• Seamless Roaming - 802.11k/v roaming function switches clients automatically to the AP with the optimal signal with a seamless transition when moving. This allows sensitive applications like VoIP and video conferences to go uninterrupted• OFDM• WLAN : 8 x SSID• Number of users : 110• Wireless isolation between clients• Static routing• DHCP• PPPoE• RESET button• MTBF (Mean Time Between Faults) : < 400000 h• Easy to install on any wall or pole• Weatherproof cabinet
Housing:	Plastic
"Index of Protection":	IP65
Power supply PoE:	PoE (802.3af), 24 V Passive PoE
Power supply:	PoE
Power consumption:	max. 14 W
Operation temp:	-30 °C ... 70 °C
Permissible relative humidity:	10 % ... 95 % (non-condensing)
Weight:	0.23 kg
Dimensions:	<ul style="list-style-type: none">• 220 x 50 x 36 mm (without bracket)• 183 mm (antenna length)
Manufacturer / Brand:	RUIJIE / REYEE
Guarantee:	3 years