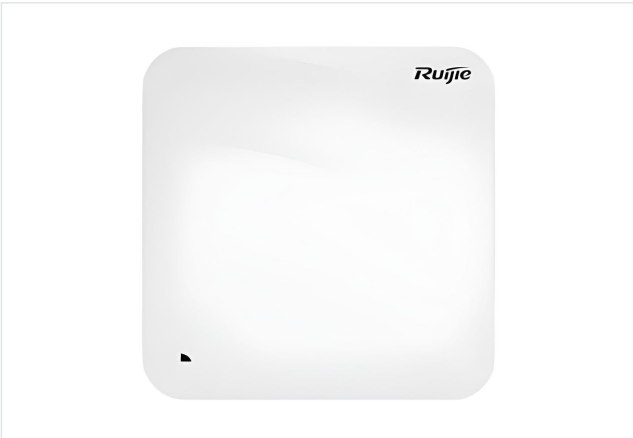


RG-AP840-I-V2

Ruijie Rg-ap840-i-v2 Wi-fi 6 Dual-radio 5.378 Gbps Indoor Ceiling Access Point

Product Overview

Ruijie Rg-ap840-i-v2 Wi-fi 6 Dual-radio 5.378 Gbps Indoor Ceiling Access Point. The RUIJIE RG-AP840-I-V2 is a powerful indoor Wi-Fi 6 access point combining ultra-fast dual-band performance with energy-saving intelligence. Designed for dense, enterprise-grade scenarios, it offers seamless IoT integration, robust security, and flexible deployment via cloud or controller management. Ideal for South African businesses prioritising reliability, scalability, and performance.



Specifications

Overview Summary

RUIJIE RG-AP840-I-V2 is a high-performance indoor Wi-Fi 6 dual-radio access point offering ultra-fast combined wireless speeds up to 5.378 Gbps. Designed for dense environments like campuses, offices, and conference venues, it delivers next-level connectivity with superior energy efficiency, intelligent forwarding, and flexible deployment options.

Performance tier: Enterprise-grade high density

Uses: High-density wireless coverage, seamless roaming, IoT-ready deployments, energy-efficient networking

Description

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Product Specification Sheet

The RUIJIE RG-AP840-I-V2 is a robust indoor ceiling/wall access point engineered for enterprise and high-density wireless environments. Powered by Wi-Fi 6 dual-radio architecture and featuring up to six spatial streams, it delivers blazing-fast combined throughput, enabling seamless connectivity even under heavy user load. Its smart energy-saving design and flexible power options-including PoE or DC-make it versatile and efficient.

Featuring comprehensive security mechanisms and a rich suite of authentication options (including Web, MAB, SMS, QR code), this AP ensures secure access control. It also includes integrated IoT support with BLE and a passive PoE port for sensor extension. Whether used standalone or managed through cloud or on-prem controllers, it supports both fat and fit modes, offering deployment flexibility to match organisational needs.

Features

- 5G optical port and 5G electrical port for flexible networking
- Upgraded to Wi-Fi 6, a combined data rate of up to 5.378 Gbps
- 160 MHz and 6 spatial streams for smoother wireless experiences
- Unified WIS cloud management, intelligent O&M

5G Optical Port and 5G Electrical Port for Flexible Networking

One 5G optical port supports an all-optical network. With Ruijie All-Optical i-Share+ Solution, this port helps achieve fiber access in rooms. One 5G electrical port is also provided to meet existing networking requirements.

High Concurrency

OFDMA and MU-MIMO are introduced to ensure stable access of multiple STAs

Low Latency

OFDMA is applied to transmit data to multiple STAs simultaneously. The latency is as low as 20 ms.

High Security

The next-generation wireless encryption protocol WPA3 greatly improves the security of wireless connection.

High Speed

With 1024-QAM modulation, the data transmission rate is 25% higher than 802.11ac.

160 MHz and 6 Spatial Streams Delivering Smoother Wireless Experiences

Compared with traditional 80 MHz, 160 MHz allows larger traffic per unit time. With dual radios and 6 spatial streams, the AP has stronger data sending and receiving capability.

Unified Cloud Management Intelligent Tuning and Easier O&M

WIS Cloud Network enables network-wide configuration and tuning, removing the need of onsite commissioning. It also supports O&M on the mobile app Wi-Fi Moho. With early warning of network faults, wireless networks can be monitored anytime and anywhere.

What's in the Box

- RUIJIE RG-AP840-I-V2 access point unit
- Quick installation guide
- Screws and mounting hardware

Specifications

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Product Specification Sheet

Specifications	
Product Code	RG-AP840-I-V2
Wireless Protocols	802.11a/b/g/n/ac/ax
Radio Design	Dual-radio: 2.4 GHz (2x2), 5 GHz (4x4), up to 6 spatial streams
Data Rate	Combined peak data rate: 2.4 GHz + 5 GHz, 5.378 Gbps
Antenna Type	Built-in omnidirectional antennas
Port	1 x 100/1000/2.5G/5GBase-T port
	1 x 5GE SFP/RJ45 combo port, 1 x 10/100/1000Base-T RJ45 port
Bluetooth	Bluetooth 5.1
Input Power Supply	54 V DC/1.1 A power supply
	PoE/PoE+/PoE++ (802.3af/at/bt-compliant)
Max. Power Consumption	40 W
External Power Supply	Yes
Operating Temperature	-10degreesC to +50degreesC (14degreesF to 122degreesF)
IP Rating	N/A
Dimensions (W x D x H)	230 mm x 230 mm x 51 mm (9.06 in. x 9.06 in. x 2.01 in.)
Mounting	Wall/Ceiling mounting

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/RG-AP840-I-V2-Ruijie-Rg-ap840-i-v2-Wi-fi-6-Dual-radio-Buy-p-327622.php>

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