


1200Mbps 11ac High Power Ceiling Mount AP

OVERVIEW

The AP-WAC2100-V1 is a high-performance 1200Mbps 11ac Wi-Fi standard Ceiling Mount Wireless Access Point, powered by a Realtek chipset. It supports dual-band Wi-Fi speeds, providing seamless connectivity for various enterprise environments such as hotels, schools, and restaurants.

Appearance	Description
	<ul style="list-style-type: none">• Dual-Band Performance: 1200Mbps Wi-Fi speed (2.4GHz: 300Mbps, 5GHz: 900Mbps)• Multiple Operation Modes: AP, Gateway• MU-MIMO Technology: Efficient multi-user connectivity• Power over Ethernet (PoE): IEEE802.3af compliant for easy installation• Flexible Management: Supports FIT and FAT AP modes, works with an AC controller for centralized management• Multi-SSID Support: Up to 8 SSIDs (4 per frequency band)• Advanced Security Features: Firewall, IP/MAC filtering, and URL filtering

TECHNICAL SPECIFICATIONS

Hardware Specifications:

- **Wireless Standard:** IEEE 802.11ac/b/g/n, MIMO technology
- **Interfaces:**
 - 1 x 100Mbps RJ45 WAN Port
 - 1 x 100Mbps RJ45 LAN Port
 - 1 x Reset Button (10s press to restore factory settings)
- **Antenna:** Built-in 5dBi MIMO Antenna
- **Power Consumption:** 48V PoE < 12W
- **Dimensions:** 188mm x 33mm

RF Data:

- **Frequency Bands:**
 - 2.4GHz: 802.11b/g/n (2.4GHz – 2.484GHz)
 - 5GHz: 802.11a/n/ac (5150MHz – 5850MHz)
- **Transmit Power:**
 - 2.4GHz: Up to 20dBm
 - 5GHz: Up to 19dBm
- **Receive Sensitivity:**
 - 2.4GHz: Up to -94dBm
 - 5GHz: Up to -90dBm
- **Maximum Users:** Supports up to 80 simultaneous Wi-Fi users

TECHNICAL SPECIFICATIONS

Firmware & Management Features:

- Operating Modes: AP, Gateway
- WAN Types: Dynamic IP, Static IP, PPPoE, L2TP (Dual Access), PPTP (Dual Access)
- Firewall: DoS, SPI Firewall, IP Address Filtering, MAC Address Filtering, Domain Filtering, IP & MAC Binding in Gateway mode.
- Management Interface: Web-based GUI, Remote Management, WLAN Controller

Package Contents:

- 1200Mbps Dual Band Wireless Access Point
- Ethernet Cable
- Quick Installation Guide
- Mounting Accessories

System Requirements:

- Compatible with Microsoft Windows (98SE, NT, 2000, XP, Vista, 7, 8), macOS, NetWare, UNIX, and Linux

Environmental Conditions:

- Operating Temperature: -10°C to 50°C
- Storage Temperature: -40°C to 70°C
- Humidity: 5% - 95% non-condensing