

AC CEILING MOUNT 1200 WIRELESS ACCESS POINT

PRODUCT OVERVIEW

Comtrend's WAP-EN1200C Wireless Access Point combines 400mW high power and -95dBm high sensitivity to deliver flawless wireless coverage to the entire home/business.

- Easily setup Guest Networks to isolate the local network from the wireless clients via an IP filter
- Dedicate one access point as the controller and manage up to five other access points
- Manage the handoff of client devices from one access point to another with negligible interruption



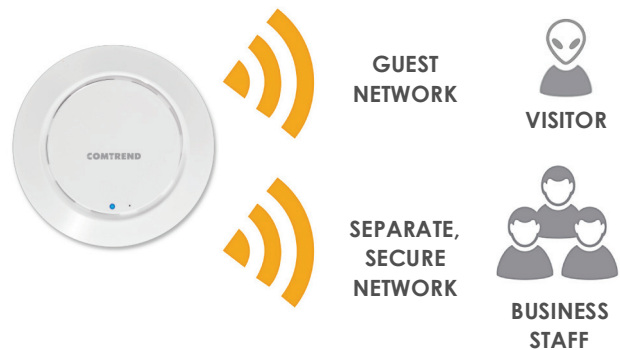
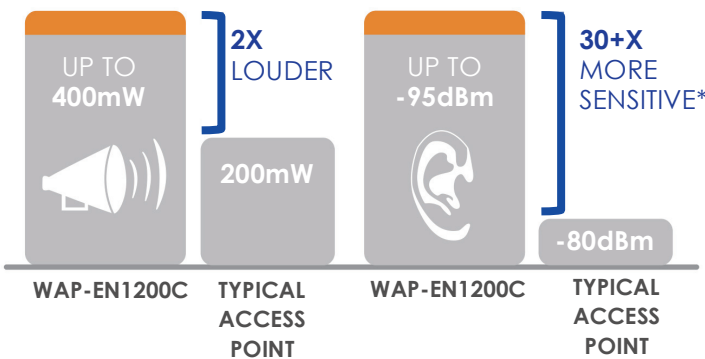
KEY BENEFITS

Higher Power, Higher Sensitivity

Together equals better coverage.

Comprehensive Network Features

Supports guest network feature, cluster configuration and smart handover.



*0.00000001mW/0.00000000316mW=31.65mW



WAP-EN1200C



Drop Ceiling Ready
Rail clips and standoffs included

Gigabit Speed with PoE Convenience
10x faster than standard ports

SPECIFICATIONS

Hardware

- LAN Interface: Gigabit x 1
- PoE: 802.3af (Supports 802.3at)
- Antenna: Type: 4 x Built-In PIFA
(2 x 2.4GHz, 2 x 5GHz) / Gain: 2.82dBi (2.4GHz), 4 dBi (5GHz) Max.
- Power: DC: 12V/ 1A 802.3af (PoE Optional)
- Power saving: 802.3az
- Internal buzzer: Yes

Radio Frequency (RF)

- Frequency band: Radio I: 802.11b/g/n 2.412~2.484(GHz)
- Radio II: 802.11a/n/ac 5.18~5.24(GHz), 5.26~5.32(GHz), 5.5~5.7(GHz), 5.745~5.825(GHz)
- Operation Channels: 2.4GHz: US/Canda 1-11; 5GHz: Country dependent for the following ranges: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 153, 157, 161, 165
- Transmit Power
 - 802.11b @ 23dBm | 802.11a @ 23 dBm
 - 802.11g @ 23dBm | 802.11an @ 26dBm
 - 802.11gn @ 26dBm | 802.11ac @ 26dBm
- Receiver Sensitivity
 - 802.11b @ ≤ -95dBm | 802.11a @ ≤ -89dBm
 - 802.11g @ ≤ -91dBm | 802.11an @ ≤ -92dBm
 - 802.11gn @ ≤ -93dBm | 802.11ac @ ≤ -86dBm

Transmit Power (Tolerance +-2dB)

- PHY rate: 1200Mbps (802.11ac 867Mbps, 802.11n 300Mbps)
- Concurrent clients: Up to 50 per radio
- Security Encryption: WEP/WPA/WPA2
- Has Wireless L2 Isolation, IEEE 802.1x Authenticator, and MAC Address Filter
- EAP Authentication: EAP-FAST/EAP-SIM/EAP-AKA

Software

- Wireless mode: AP/WDS AP/ WDS Bridge
- 802.1q VLAN: Y (VID=1-4094)
- Spanning tree: RSTP
- QoS: WMM (802.11e) Max Associated Station No
- Pass-Through: IPv6 and VPN (PPTP, L2TP/IPsec)
- Multicast rate up to 54Mbps: Yes

Management

- TR-069 Remote Management*
- Tx Power Control : Adjust transmit power by percentage
- Configuration: HTTP/ HTTPS, SNMP v1 v2c v3, CLI (Telnet, SSH)
- RADIUS server: Built-in/external
- Auto-channel: Yes

Wireless

- Standard: 802.11 a/b/g/n/ac concurrent dual-band
- No. of Radios: 2
- Max. Output Power (dBm): 2.4GHz: 26dBm/ 5GHz: 26dBm
- Receiver sensitivity: ≤ -95dBm
- Transmit power (mW): 400mW/400mW
- Certification: CE/FCC
- Number of SSIDs: 16 (2.4GHz) + 16 (5GHz)

Environmental & Physical

- Dimensions: 6.93(D) x 1.26(H) Inches
- Weight: 9.6oz
- Power Consumption (Full Loading): 11W
- Mounting: Ceiling
- Operating Temperature: 32°F-104°F (0°C-40°C)
- Operating Humidity: 90% of less UL94-5VB flammability rating

* A firmware upgrade may be required for this feature.

DS_WAP-EN1200C_V1.0.2

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