

AC | CEILING MOUNT 1200 | WIRELESS ACCESS POINT

PRODUCT OVERVIEW

Comtrend's WAP-PC1200C Wireless Access Point combines 400mW high power and -95dBm high sensitivity to effortlessly extend wireless coverage.

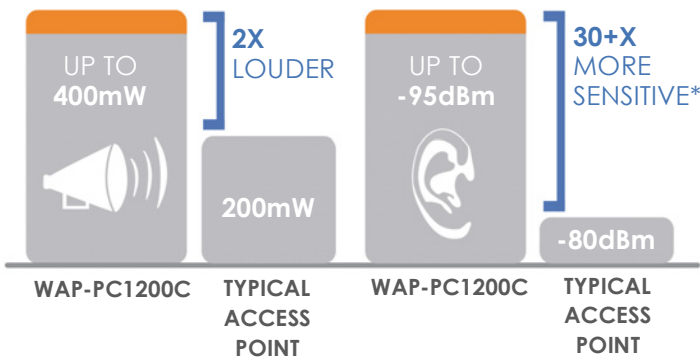
- Take advantage of the latest high-bandwidth applications and services such as streaming HD and UHD IPTV, home -automation, and online gaming
- Easily mount onto the ceiling for minimal impact to the environment
- Enjoy quick setup with PoE convenience
- Connect & Go installation; pre-configured for zero setup



KEY BENEFITS

Higher Power, Higher Sensitivity

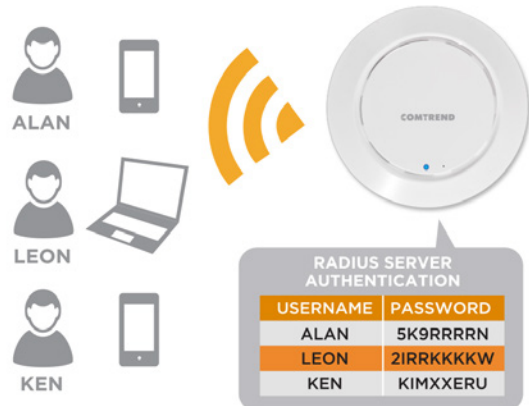
Together equals better coverage.



*0.00000001mW/0.00000000316mW=31.65mW

Internal Radius Server

User level password management.



WAP-PC1200C



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

Performance

- 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

- Configuration: HTTP/ HTTPS, SNMP v1 v2c v3, CLI (Telnet, SSH)
- RADIUS server: Built-in/external
- Auto-channel: Yes

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

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)