

AC CEILING MOUNT 1750 WIRELESS ACCESS POINT

PRODUCT OVERVIEW

Comtrend's WAP-EN1750C Wireless Access Point combines 560mW high power and -93dBm high sensitivity to deliver flawless Wireless coverage to the entire home/business.

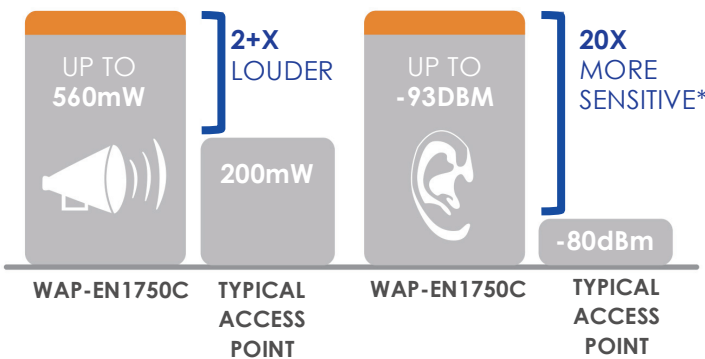
- Easily setup Guest Networks to isolate the local network from the Wireless clients via an IP filter
- Dedicate one Access Point (AP) as the controller and manage up to five other AP's
- Manage the handoff of client devices from one Access Point to another with negligible interruption
- Enjoy quick setup with PoE convenience



KEY BENEFITS

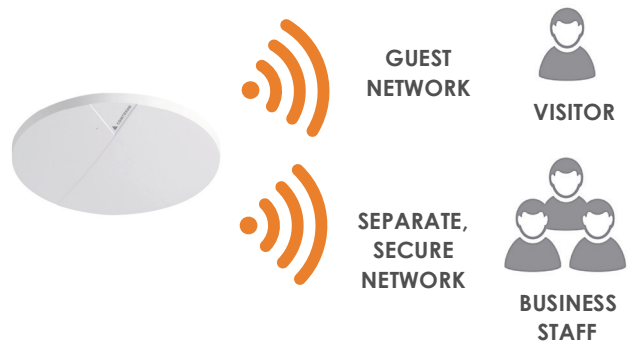
Higher Power, Higher Sensitivity

Together equals better coverage.



Comprehensive Network Features

Supports guest network feature, cluster configuration and smart handover.



*0.00000001 mW/0.000000005mW=20mW



WAP-EN1750C

Flexible Deployment

Supports PoE+ for deployment in areas where power is not easily available



**Gigabit Speed
With PoE Convenience**
10x faster than standard ports

SPECIFICATIONS

Hardware		
<ul style="list-style-type: none">• Memory 128MB; Flash 16MB• Physical Interface:<ul style="list-style-type: none">• One 10/100/1000 Gigabit Ethernet LAN Port with 802.3at PoE Support• Reset Button• USB 2.0 Interface• DC Power Jack• Antenna<ul style="list-style-type: none">• Three Internal 2.4GHz Antennas• Three internal 5GHz Antennas• Power Requirement: Power over Ethernet, IEEE 802.3at DC: 12V/ 2A• Power Consumption: 15W (Full Loading)		
Radio Frequency (RF)		
<ul style="list-style-type: none">• Wireless Standard: IEEE 802.11 a/b/g/n/ac• Frequency Band:<ul style="list-style-type: none">• Radio 1: 802.11b/g/n 2.412~2.484(GHz)• Radio 2: 802.11a/n/ac 5.18~5.24(GHz), 5.26~5.32(GHz), 5.5~5.7(GHz), 5.745~5.825(GHz)		
Transmit Power		
<table><tr><td><ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• 27.5dBm@1Mbps• 27.5dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• 27.5dBm@6Mbps• 23.5dBm@54Mbps• 802.11n(2.4GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0 (HT20/40)• 22.5dBm@MCS7 (HT20/40)</td><td><ul style="list-style-type: none">• 802.11a:<ul style="list-style-type: none">• 26.5dBm@6Mbps• 22.5dBm@54Mbps• 802.11a/n(5GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0/MCS8• 22.5dBm@MCS7/MCS15• 802.11ac:<ul style="list-style-type: none">• 27.5dBm@MCS0; 22.5dBm@MCS7• 19.5dBm@MCS9</td></tr></table>	<ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• 27.5dBm@1Mbps• 27.5dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• 27.5dBm@6Mbps• 23.5dBm@54Mbps• 802.11n(2.4GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0 (HT20/40)• 22.5dBm@MCS7 (HT20/40)	<ul style="list-style-type: none">• 802.11a:<ul style="list-style-type: none">• 26.5dBm@6Mbps• 22.5dBm@54Mbps• 802.11a/n(5GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0/MCS8• 22.5dBm@MCS7/MCS15• 802.11ac:<ul style="list-style-type: none">• 27.5dBm@MCS0; 22.5dBm@MCS7• 19.5dBm@MCS9
<ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• 27.5dBm@1Mbps• 27.5dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• 27.5dBm@6Mbps• 23.5dBm@54Mbps• 802.11n(2.4GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0 (HT20/40)• 22.5dBm@MCS7 (HT20/40)	<ul style="list-style-type: none">• 802.11a:<ul style="list-style-type: none">• 26.5dBm@6Mbps• 22.5dBm@54Mbps• 802.11a/n(5GHz):<ul style="list-style-type: none">• 27.5dBm@MCS0/MCS8• 22.5dBm@MCS7/MCS15• 802.11ac:<ul style="list-style-type: none">• 27.5dBm@MCS0; 22.5dBm@MCS7• 19.5dBm@MCS9	
Receiver Sensitivity		
<table><tr><td><ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• ≤-93dBm@1Mbps• ≤-85dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• ≤-86dBm@6Mbps• ≤-72dBm@54Mbps• 802.11gn(2.4GHz):<ul style="list-style-type: none">• ≤-83.5dBm@MCS0• ≤-66dBm@MCS7</td><td><ul style="list-style-type: none">• 802.11a<ul style="list-style-type: none">• ≤-90dBm@6Mbps• ≤-74dBm@54Mbps• 802.11an(5GHz)<ul style="list-style-type: none">• ≤-90dBm@MCS0 (HT20)• ≤-70dBm@MCS7 (HT20)• ≤-87dBm@MCS0 (HT40)• ≤-68dBm@MCS8 (HT40)• 802.11ac<ul style="list-style-type: none">• ≤-84dBm@MCS0• ≤-58dBm@MCS9</td></tr></table>	<ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• ≤-93dBm@1Mbps• ≤-85dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• ≤-86dBm@6Mbps• ≤-72dBm@54Mbps• 802.11gn(2.4GHz):<ul style="list-style-type: none">• ≤-83.5dBm@MCS0• ≤-66dBm@MCS7	<ul style="list-style-type: none">• 802.11a<ul style="list-style-type: none">• ≤-90dBm@6Mbps• ≤-74dBm@54Mbps• 802.11an(5GHz)<ul style="list-style-type: none">• ≤-90dBm@MCS0 (HT20)• ≤-70dBm@MCS7 (HT20)• ≤-87dBm@MCS0 (HT40)• ≤-68dBm@MCS8 (HT40)• 802.11ac<ul style="list-style-type: none">• ≤-84dBm@MCS0• ≤-58dBm@MCS9
<ul style="list-style-type: none">• 802.11b:<ul style="list-style-type: none">• ≤-93dBm@1Mbps• ≤-85dBm@11Mbps• 802.11g:<ul style="list-style-type: none">• ≤-86dBm@6Mbps• ≤-72dBm@54Mbps• 802.11gn(2.4GHz):<ul style="list-style-type: none">• ≤-83.5dBm@MCS0• ≤-66dBm@MCS7	<ul style="list-style-type: none">• 802.11a<ul style="list-style-type: none">• ≤-90dBm@6Mbps• ≤-74dBm@54Mbps• 802.11an(5GHz)<ul style="list-style-type: none">• ≤-90dBm@MCS0 (HT20)• ≤-70dBm@MCS7 (HT20)• ≤-87dBm@MCS0 (HT40)• ≤-68dBm@MCS8 (HT40)• 802.11ac<ul style="list-style-type: none">• ≤-84dBm@MCS0• ≤-58dBm@MCS9	

Software
<ul style="list-style-type: none">• Multiple BSSID: Total 32 (16 for 2.4GHz, 16 for 5GHz)• VLANs: SSID and Ethernet Port Based Tag/Untag (VID=1~4096)• Wireless Mode: 11 a/11b/11g/11n/11ac• Channel Bandwidth: (Auto, 20,40, 80MHz)• Transmission Rate:<ul style="list-style-type: none">• 2.4GHz: 11b, 11g, 11b/g, 11g/n, 11b/g/n• 5GHz: 11a, 11a/n, 11a/n/ac• Pass-Through: Support IPv6 and VPN Pass-Through• QoS: WMM, Max Associated Station Number• Security: WEP Encryption – 64/128 Bit, WPA Personal (WPA-PSK Using TKIP or AES), WPA Enterprise (WPA-EAP using TKIP or AES), 802.1x Authentication, SSID Broadcast (Enable/Disable), 256 WLAN MAC Address Filter, WLAN L2 Isolation (AP Mode), Wireless STA (Client) Connected List
Management
<ul style="list-style-type: none">• TR-069 Remote Management*• Tx Power Control: Adjust Transmit Power by Percentage• Configuration: Web-Based Configuration HTTP/HTTPS/SSH/CLI• Firmware: Upgrade Via WEB, CLI, TFTP, and FTP• SNMP: v1, v2c, v3. MIB II, IEEE802.11MIB, BridgeMIB, Interface MIB, Private MIB• Auto-Channel: Automatically Selects Least Congested Channel• Backup & Restore: Save & Restore Settings Through Management Interfaces• CLI: Support Command Line Interface• Local Radius : Radius Server Built-in (256 Accounts Supported)• Power Saving: Support ARP Proxy for Connected Wireless Client
Environmental & Physical
<ul style="list-style-type: none">• Temperature Range<ul style="list-style-type: none">• Operation: 32°F to 122°F (0 to 50°C)• Storage: -4 to 140°F (-20 to 60°C)• Humidity:<ul style="list-style-type: none">• Operating: 90% or Less• Storage: 90% or Less• Certifications: FCC, CE• Dimensions<ul style="list-style-type: none">• 8.25 (D) x 1.20 (H) in• 210 (D) x 30 (H) mm• Weight<ul style="list-style-type: none">• 1.3lbs; 590gs <p>*A firmware upgrade may be required for this feature.</p> <p>Note: Specifications are subject to change without notice.</p>

DS_WAP-EN1750C_V1.0.2

Comtrend | us.comtrend.com | 14 Chrysler, Irvine CA 92618 | (877) 266-8736