

Wireless

5GHz | Wireless N | 450Mbps

WAP-5836

Wireless HD Extender



Comtrend's WAP-5836 is a versatile 5GHz Wireless N Extender. Combining industry standard 802.11n wireless with advanced Implicit Beam Forming technology, the WAP-5836 reliably delivers multimedia in the most challenging environments. Connecting set-top-boxes, media players, and game consoles throughout a home is accomplished effortlessly and securely with the WAP-5836's WPS button. Businesses can likewise use the WAP-5836 to connect distant devices, such as printers, IP cameras, and PCs beyond the reach of structured wiring.

FEATURES

- One Gigabit (10/100/1000Mbps) Ethernet Port
- 5GHz 802.11n WiFi Bridging
- TR-069 Compliant for Remote Management
- Integrated Wireless Beam Forming Technology
- Automatic Detection of Client or Access Point Mode
- Supports up to 8 Clients per Access Point
- Up to 450Mbps with 3x3 WiFi
- Built-in Quality of Service (QoS)
- Multi-Room DVR support
- Works with Microsoft Mediaroom

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Specifications

Hardware

- RJ-45 X 1
- WPS X1
- Power jack X 1
- Internal antenna array with 4 Omni-directional elements

LAN

- 1000Mbps, RJ-45 port
- Support MDI/MDX

Wireless

- IEEE 802.11n 5GHz compliant
- WPA2 (AES)
- Operating Frequencies:
 - 5150MHz ~ 5350MHz for US & Canada
 - 5150MHz ~ 5350MHz for Europe
 - 5470MHz ~ 5725MHz for Europe
 - 4900MHz ~ 5000MHz, 5030MHz~5091MHz
 - 5150MHz ~ 5250MHz for Japan
- Automatic transmit power control
- Maximum transmitted power: 23dBm

LED Display

- Power, LAN, WPS, Wireless

Management

- Configuration: Web-based GUI, CLI(Telnet), TR-069
- Software upgrade: Web-based
- SNMP

Security Functions

- WEP (64-bit/128-bit), 802.1x
- WPA/WPA2 (TKIP, AES)IP / Port / MAC Filtering

Power Supply

- Input: 100-120, 220-240VAC, 50-60Hz
- Output : 12V, 1A

Environmental Operation Requirements

- Operating Temperature: 0°C~40°C
- Operation Humidity: 0%~90%

Dimensions

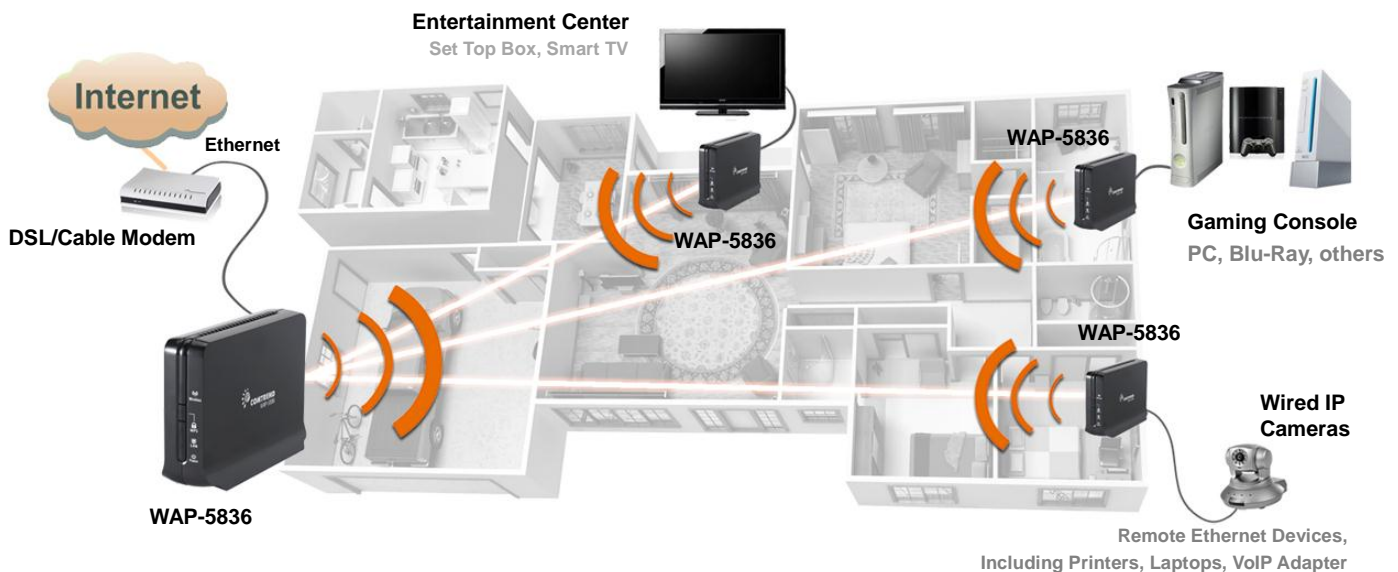
- 140mm (H) X 100mm (D) X 48mm (W)

Device Weight

- 153g

Certifications

- FCC (US), CE



The WAP-5836 uses beam-forming technology via 3x3 MIMO with up to 450Mbps at 5Ghz.

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