



**COMTREND**  
Leading the **Communication Trend**

## 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

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- 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

[www.comtrend.com](http://www.comtrend.com)

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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: v1 17dBm, v2 19dBm (2014)

### 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

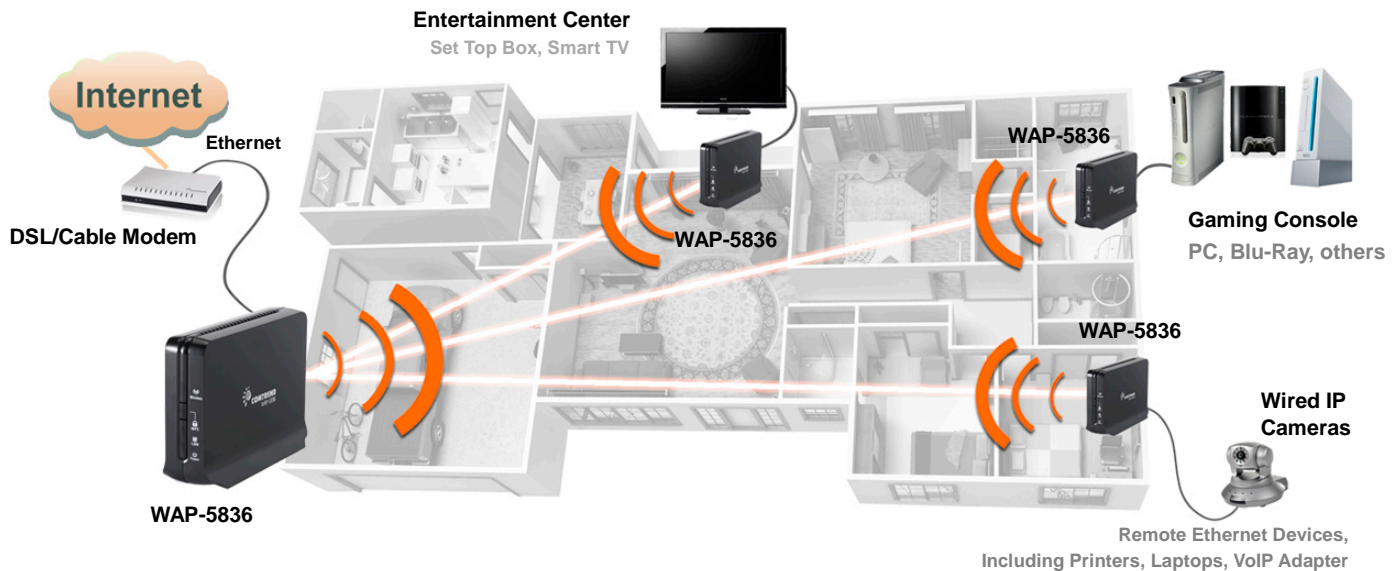
- 140mm (H) X 100mm (D) X 48mm (W)

### Device Weight

- 153g

### Certifications

- FCC (US), CE



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