

Wireless HD Video Extender

WAP-5830/WAP-5831 Wireless HD Video Extender

The WAP-5830 & WAP-5831 video extender set is a carrier-grade WiFi-based HD video system designed to reliably distribute multiple High Definition IPTV video streams. This simple and robust multimedia networking solution provides users with a high quality viewing experience. Consisting of the WAP-5830 access point and multiple WAP-5831 client adapters, this cost-effective WiFi solution eliminates the cost and hassle of installing new cabling for TV distribution in areas with cable access problems.



Reliable and robust connectivity enables HD and SD IPTV streams from Ethernet-equipped broadband gateway or DVR to multiple IP set top boxes.

Features

- Enhancing the HD Experience
- Wire-like video experience
- Superior interference immunity and trouble-free co-existence with neighbouring systems
- Supports up to four client devices
- Unique “base station” approach enables WAP-5830 AP to support migration to integrated WiFi set top boxes
- Carrier-Grade Feature Set
- Smart antenna diversity
- Real time Implicit Transmit Beam Forming MIMO



- Real time wireless channel tracking for optimal rate selection and power control
- Advanced interference detection and fast automatic channel scanning and hopping
- Advanced regulatory requirements support including Dynamic Frequency Selection (DFS)
- IGMP snooping, Multicast to Unicast translation and WDS support for seamless IPTV network integration
- WPS for simple setup and security configuration
- Complies with EU CoC on energy consumption for broadband equipment 2009/2010.

Specifications

	WAP-5830	WAP-5831
Power (external power adapter)	12VDC, 1.5A	5VDC, 1A
Physical size (in cm)	(H) 17.8 (D) 15.3 (W) 3.8	(H) 15.5 (D) 10.9 (W) 3.7
Weight	450g	300g
Chipset	Celeno CL1300	
Antennas	Internal antenna array with 4 Omni-directional elements (WAP-5831 has a single antenna)	
Ethernet ports	100 Mbps, RJ-45 port, Automatic MDI/MDIX	
LED display	Power, Ethernet, Wireless, Video link quality	
Control buttons	WPS push button	
Operating temperature	0° - 40.C	
Humidity	10% - 90% (Non condensing)	
Certifications	FCC (US), CE (Europe)	

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