



LongView® Wireless Extender Wireless Audio/Video Connectivity

Experience wireless A/V connectivity

The Avocent LongView Wireless extender provides connectivity between computer-based audio/video sources and display devices including LCDs, monitors, plasma displays and projection devices. The wireless extenders simplify A/V installations, making them more cost-effective by eliminating the need for cabling and expensive PCs at each remote location. Audio, video and PC content are transmitted wirelessly from the source computer to the output device utilizing a unique proprietary compression engine.

The LongView Wireless extender firmware features a user-friendly On-Screen Display (OSD) for managing connectivity, making adjustments and tuning the audio/video settings. Because of its industry-standard design, the LongView Wireless extender is compatible with virtually any PC, display and operating system, requiring no new drivers, software or OS upgrades. Installation is easy and eliminates the expense and inflexibility of conventional hard wiring.

The LongView Wireless extender eliminates the risk associated with many wireless products because of its three levels of security which include: Advanced Encryption Standard (AES), proprietary 802.11a link layer protocol and proprietary video compression.



The LongView Wireless extender includes a wireless transmitter and receiver, power supplies and audio cables. The LV3500W extender transmits data 150 feet (46 meters) through walls and up to 300 feet (91 meters) line of sight.

Features and Benefits

- **Wireless Video.** Up to 30 frames per second and XGA resolution (1024x768).
- **Transmitter.** Connects to the computer making it a broadcast source—perfect for digital signage, presentation or classroom applications. The use of locally-wired monitor, keyboard and mouse is supported.
- **Receiver.** Connects directly to the output device leaving it free of unsightly cabling. Extended audio speakers as well as keyboard and mouse can be connected at the remote location if desired.
- **Plug and Play Installation.** Quick, simple installation. No software to download or controls required. Transmits 150 feet through walls and up to 300 feet line-of-sight.
- **Easy Setup and Adjustment.** Comprehensive auto setup quickly determines and establishes optimal settings for content being transmitted. The OSD menu is an intuitive tool which puts adjustments directly into the user's hands.
- **AES Encryption.** Built-in AES for secure wireless connectivity.
- **802.11a Standard-Based Design.** Reliance on industry standards layered with proprietary link-layer protocol for greater throughput and security. By operating outside of the standard WLAN frequencies, the LongView Wireless extender achieves higher QoS (Quality of Service), interference-free connectivity.
- **Proprietary Communications Protocol.** Proprietary communications protocol offers security and high bandwidth for challenging installations.

Applications

- **Digital Signage.** Transmit audio/video and digital data to signage displays.
- **Courtrooms.** Quickly move displays, monitors or projectors for deployment when and where they are needed.
- **Classrooms.** Configure rooms as needed from ceiling-mounted projectors or monitors on carts to wireless instructor workstations.
- **Houses of Worship.** Set up your facility with display and projector placement where traditional cabling would be prohibitive.
- **Conference Rooms.** Enable quicker user setup, cutting the tether to hard-wired presentation stations.
- **Auditoriums.** LongView Wireless extenders provide ultimate room flexibility and allow rapid reconfiguration of small/large venues.

Specifications

Mechanical

Size: 1.75" (44 mm) H, 6.25" (158 mm) W, 5.25" (133 mm) D
Weight: 2 lbs. (0.91 Kg) transmitter and receiver
Antenna: Extends 4" (101 mm) above lower surface of housing

Power/Environmental

Power: 12 VDC @ 1A from supplied 100-240 VAC 50/60 Hz switching power supply
Power Connector: 2.1mm ID, 5.5mm OD, 9.5mm length barrel connector, tip positive
Operating Temperature: 32°F (0°C) to 104°F (40°C)
Storage Temperature: - 4°F (-20°C) to 122°F (50°C)

Multimedia

Video Resolution: VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768)
Video Interface: VGA compatible analog RGB (15 pin D-shell) non-interlaced 60Hz refresh rate
Audio Support: Digital audio

Capacities

42 megabits/sec without compression (with compression provides an effective transmission of 2.2 gigabits/sec)

Supported Hardware

Operating Voltage: AC 100-240V
Input Power: Consumption <40w

Hardware Interface

Computer: Most standard IBM® compatible computers (Macintosh® computers are not supported at this time)
Peripherals: PS/2 keyboard, PS/2 mouse, extended speakers

Radio

Frequency: 5150-5250; 5250-5350; 5725-5825 MHz
Protocol: IEEE 802.11a
Range: LV3500W extender - 300 ft (91 m) line-of-sight, 150 ft (46 m) through walls

Security

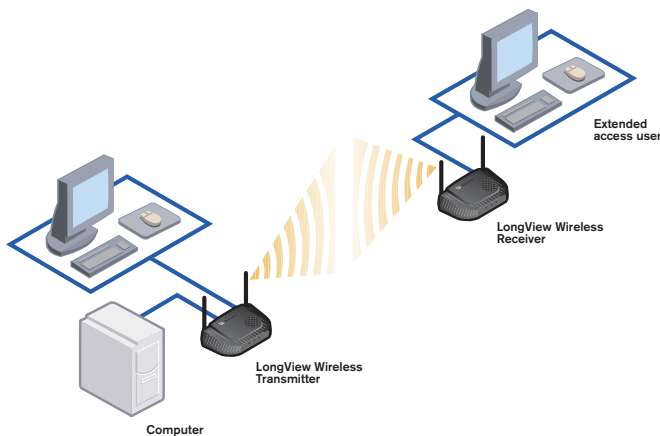
AES encryption, proprietary 802.11a link layer and proprietary video compression C-RoHs, CE, FCC/EMI, CCC

Antennas

Two 2dB omni-directional (included)

Warranty

Two years



Part Number	Description
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Ordering Details

LV3500W-AM	LongView Wireless - Point-to-Point VGA Extender Transmitter and Receiver (Available in the U.S.A. and Canada only)
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