Avocent

RACKit®
Technology Corporation

Expert Solutions for the LAN Environment ™

The Power of Being There ®

LongView Wireless KVM Extender
Wireless KVM Connectivity

FEATURES AND BENEFITS

- **Wireless KVM Connectivity.** Connects monitors, keyboards, mice and audio devices to a computer without cables.

- **802.11a Standards-Based Design.** Proprietary design is based on the 802.11a standard.

- **Secure Connectivity.** Advanced Encryption Standard (AES) provides secure connections.

- **Plug-and-play Installation.** Requires no new operating system, drivers or application software.

- **Convenient OSD.** Features a graphical OSD for making adjustments and tuning the video settings.

- **Transmitter.** Connects directly to the computer and serves as the radio interface device enabling the computer to transmit audio and video data.

- **Receiver.** Connects directly to the user interface devices (keyboard, video monitor, mouse and audio speakers or headphones), serving as the radio interface device for these components.

Bridging KVM and wireless technologies.

Avocent's innovative LongView® Wireless solution is a wireless keyboard, video and mouse (KVM) extender that connects monitors, keyboards, mice and audio devices to a computer, up to 100 feet, without cables. The Longview Wireless KVM system is a digital system that processes analog video inbound and outbound utilizing a unique, proprietary compression engine. At the heart of the compression engine is a multimedia DSP and an FPGA that are coupled to an IEEE 802.11a radio board.

Its' industry standard design makes Longview Wireless compatible with virtually any PC, display technology and operating system. It is essentially a plug-and-play installation, requiring no new operating system, drivers or application software.

Longview Wireless includes a wireless Transmitter and Receiver, power supplies and audio cables. The firmware features a user-friendly OSD for making adjustments and tuning the video settings.

MECHANICAL

- **Height -** 1 in. (2.54 cm)
- **Depth -** 5 in. (12.7 cm)
- **Width -** 6 in. (15.24 cm)
- **Weight -** 1 lb. (0.91 kg) Transmitter and Receiver
- **Antenna -** Extends 4 inches above lower surface of housing

ENVIRONMENTAL / POWER

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

MULTIMEDIA

- **Video Link Performance -** 640x480, 800x600, 1024x768
- **Video Link Compatibility -** VGA, SVGA, XGA
- **Video Interface -** VGA compatible Analog RGB (15, pin D-shell) non-interlaced 60 Hz refresh rate
- **Audio Support -** Digital audio

SUPPORTED HARDWARE

- **Computer -** Most standard computers (with the exception of Macintosh)
- **Video Resolution -** VGA, SVGA, XGA
- **Peripherals -** PS/2 keyboard, PS/2 mouse, extended speakers

RADIO

- **Radio Protocol -** IEEE 802.11a
- **Radio Frequency -** 5150-5250; 5250-5350; 5725-5825 MHz
- **Radio Modulation -** OFDM
- **Nominal Output Power -** 17dBm
- **Range -** XGA video resolution to 100 feet
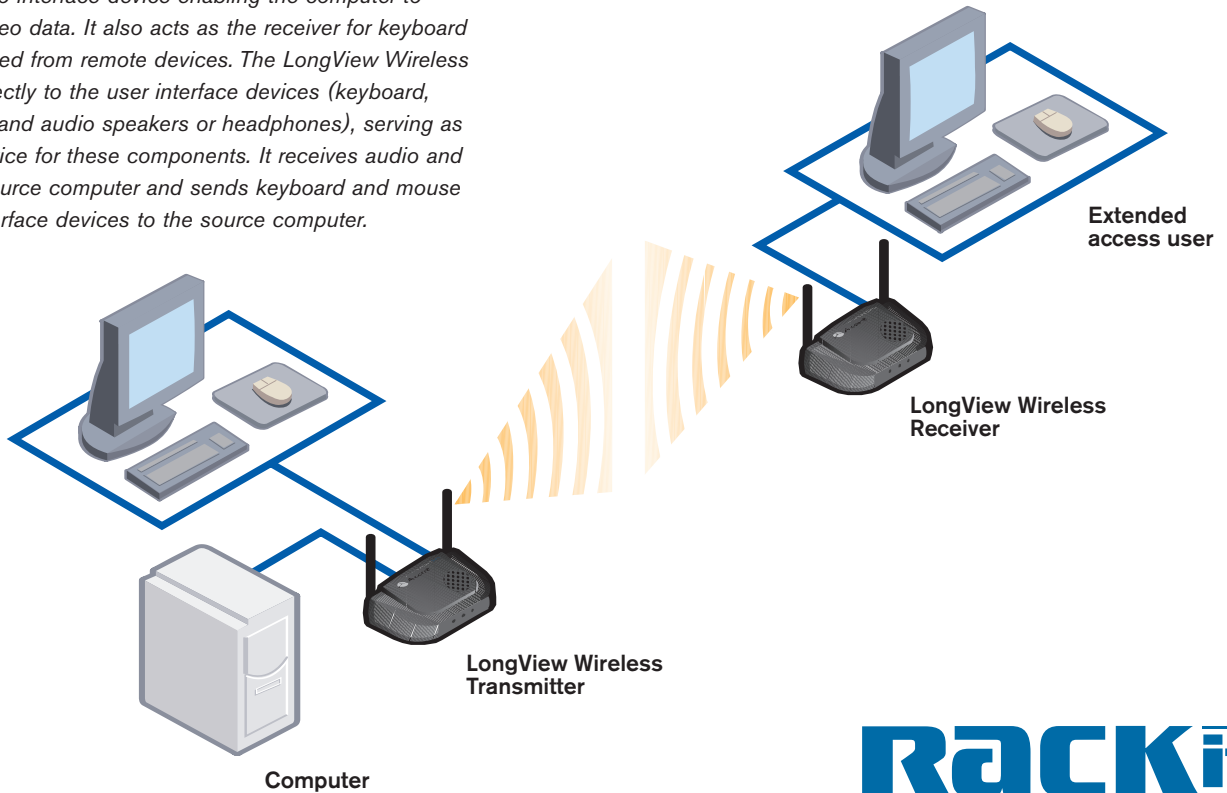- **Security -** AES encryption with 802.1x authentication

ORDERING DETAILS

- **LongView Wireless**
  CBX-LVW   Wireless KVM Extender

WARRANTY

- Two Year

The Longview Wireless Transmitter connects directly to the computer and serves as the radio interface device enabling the computer to transmit audio and video data. It also acts as the receiver for keyboard and mouse data sourced from remote devices. The LongView Wireless Receiver connects directly to the user interface devices (keyboard, video monitor, mouse and audio speakers or headphones), serving as the radio interface device for these components. It receives audio and video data from the source computer and sends keyboard and mouse data from the user interface devices to the source computer.

Extended access user

LongView Wireless Receiver

LongView Wireless Transmitter

Computer

Supported by:

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