

## LongView Product Series



The LongView® series extends a keyboard, monitor, mouse, speakers, microphone, and serial port up to 150 metres away from the computer or KVM switch with one Category 5 UTP cable. These extenders provide high quality audio, up to 1600x1200 non-interlaced resolution video, and support for a high speed COM serial port. LongView extends the connection to high speed COM serial devices such as touch screens, digitizing tablets and serial printers. With LongView, you can place the system unit, software and sensitive data in a secure area to minimize tampering, system damage and unauthorized software installation.

### Extension Technology

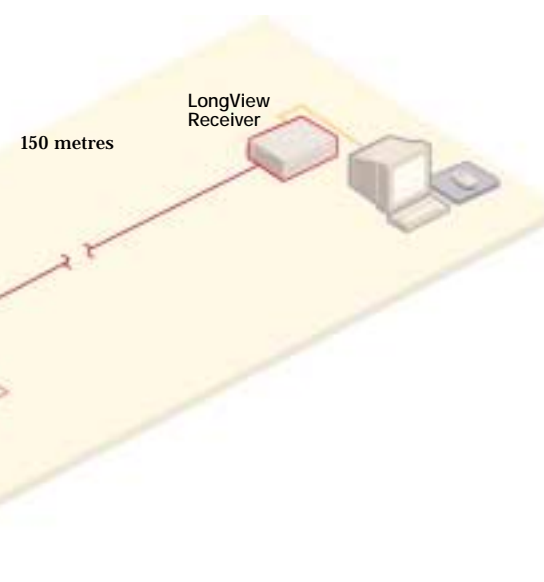
LongView's extension technology can control and operate a data centre's servers either locally or remotely from the computer lab down the hall. The LongView Companion™ allows for a second workstation to be located near the PC for convenient system maintenance. For access to multiple computers, use the LongView in conjunction with Avocent switching solutions.

### Video Expansion Technology

The LongView Companion also features video expansion technology. The video expansion technology extends a keyboard, mouse, speakers, microphone, serial port, and 4 high quality resolution video monitors up to 150 metres away from computer or KVM switch with one Category 5 UTP cable.

## Features and Benefits

Exclusive Autotuning™	• Configures without jumpers or switches
Multimedia Support	• High quality audio, video, and COM serial port
Cat 5 Extender	• Add a second user from up to 150 metres away
Extensive Mouse Support	• Supports wide variety of PS/2 style mice
Secure Area	• Houses unit, software and sensitive data in a secure location



The diagram to the left illustrates the LongView extension technology. The LongView transmitter is located at the server in a secure area. The receiver is located at the user's work area.



## Highlights

### LongView



Uses Cat 5 technology to extend keyboard, monitor, mouse, stereo speakers, microphone and COM serial port up to 150 metres away from the server

### LongView Companion



Allows a second local user to be located at the server. Features high quality video expansion technology

## Specifications

### LongView and LongView Companion

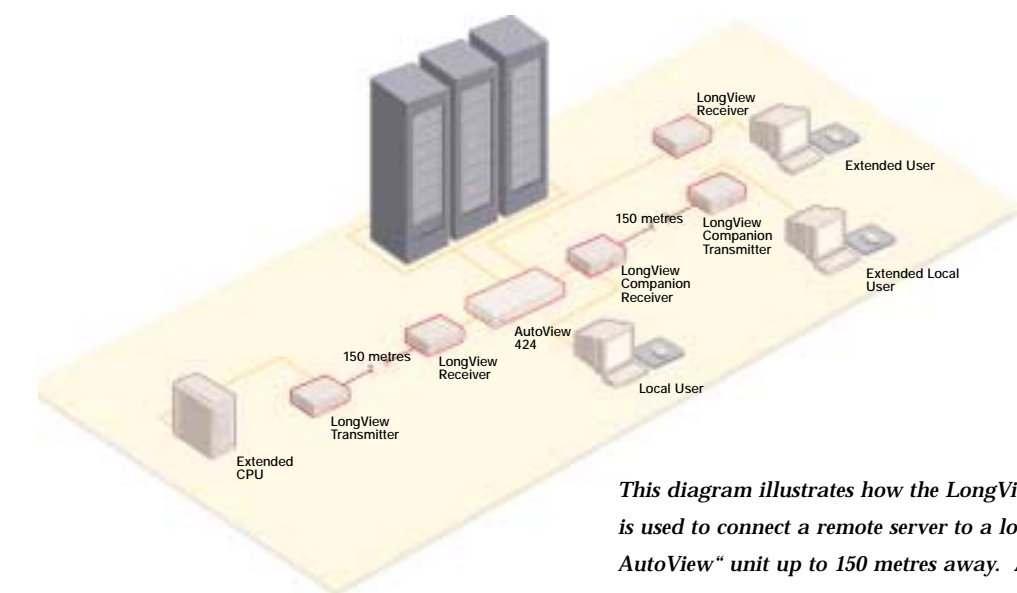
Mechanical	Height: 1.9 in. (4.8 cm)	Width: 8.1 in. (20.6 cm)
	Depth: 4.8 in. (12.2 cm)	Weight: 1 lb. (0.45 kg)

### Environmental/Power/Hardware

Operating Temperature	32F (0C) to 104F (+40C)
Storage Temperature	-4° (-20°C) to 122° (50°C)
Power Requirements	24 VDC @ 500mA from 115 VAC or 230 VAC adapter
Supported Hardware	<p><b>Computer</b></p> <p>IBM PC/AT, PS/2 and 100% compatibles</p> <p><b>Video Modes</b></p> <p>Non-interlaced VGA, SVGA, XGA, 15-pin high density "D" connector</p> <p><b>Peripherals</b></p> <p>PS/2 or serial mouse, PS/2 keyboard (150mA max)</p> <p><b>Serial Port</b></p> <p>EIA-232 async up to 19.2 Kbps, TD, RD, RTS, CTS, DTR, DSR for serial mouse, 9-pin "D" connector (female on transmitter, male on receiver)</p> <p><b>Audio</b></p> <p><b>To Speakers</b> - 3.5 mm stereo jack, 3Vpp max to powered speakers, 200 ohms output impedance, &lt;0.01% THD at 1 KHz</p> <p><b>From Microphone</b> - 3.5 mm stereo/mono jack, 5.6K ohm pullup for one powered electret mic, dynamic mic supported with reduced volume and quality</p>

### Ordering Information

Unit	<p><b>LongView:</b></p> <p>LV210 – Transmitter/receiver</p> <p>LV410 – Transmitter/receiver (speakers and microphone extension, PS/2 keyboard, mouse, and serial device)</p> <p><b>LongView Companion:</b></p> <p>LV610 - Local/extension transmitter receiver</p> <p>LV810 - Local/extension transmitter receiver (speakers and microphone extension, PS/2 keyboard, mouse, and serial device)</p>
Cable Assemblies	<p>C5T Expansion (Category 5 UTP) - 10, 15, 25, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550 feet</p> <p>P5T Expansion (Plenum) - 25, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500 feet</p>
Accessories	<p><b>LongView:</b></p> <p>VAK-1 adapter kit for LV210 and LV410 with Sun computers</p>



This diagram illustrates how the LongView is used to connect a remote server to a local AutoView™ unit up to 150 metres away. A LongView Companion attached to the AutoView 424 allows an additional access point up to 150 metres away.

## Products At A Glance

	Users	Platforms	Key Features
LongView	Single	PC	CAT 5 Extension Extends keyboard, monitor, mouse, stereo speakers, microphone and COM serial port up to 150 metres away using a single CAT 5 UTP cable
LongView Companion	Dual	PC	Add a second user Allows for a second workstation to be located near the PC for convenient system maintenance Extends keyboard, monitor, mouse, stereo speakers, microphone and COM serial port up to 150 metres away using a single CAT 5 UTP cable
LongView Companion (with video expander)	Dual	PC	Video expander Extends 4 high resolution monitors along with a keyboard, mouse, microphone, stereo, speakers and COM serial port



The Power of Being There™

## Product Portfolio

Avocent's broad product portfolio includes data center solutions such as: AutoView®, LongView®, OutLook®, SwitchView®, DS1800™, CPS™810/1610, XP 4000 Series. Learn more about Avocent's full range of switching, extension, and remote access solutions at [www.avocent-europe.com](http://www.avocent-europe.com).



## LongView: Extension Technology

### About Avocent

Avocent is the leading supplier of KVM switching and connectivity solutions that enable IT managers in any industry to access and control multiple servers and network data centre devices. Avocent provides innovative ways to connect people to their information infrastructure. Proven solutions for managing enterprise data centres include: DS1800, CPS800/1600, SwitchView, AutoView, LongView, OutLook and XP4000. Branded products include switching, extension and remote access solutions.

Avocent was formed in the year 2000 by the merger of leading industry innovators Apex, Inc. and Cybex Computer Products Corporation. Headquartered in Huntsville, Alabama, Avocent has locations in Redmond, Washington; Chelmsford, Massachusetts; Sunrise, Florida; London, England; Shannon, Ireland; Steinhagen and Munich, Germany; Singapore and Tokyo, Japan.

### About KVM

KVM stands for Keyboard, Video, and Mouse. The main purpose of a KVM switch is to control multiple CPUs from a single console. A console consists of three main components: Keyboard, Video, Mouse. A KVM solution allows multiple sets of keyboards, monitors and mice to be replaced with a single set of control peripherals. KVM technology provides easy access and control to any connected CPU.

KVM switches are suitable for any application where a user needs to operate several computers at the same time. Accessory KVM products are available to provide extended cabling distances and console signal conversion. Besides the principle cost and power savings of multiple sets of redundant peripherals, the end user also benefits from increased desktop space, and saves time and the physical effort of moving between several computers at multiple locations.

### Avocent's KVM Technology

Avocent's technology provides individuals with powerful KVM connections to their servers, data centres and information infrastructure through progressive solutions for network monitoring, maintenance and management. Our proven KVM switching solutions are designed for the desktop to the data centre. They are easy to implement, integrate, operate, and expand – saving time and money.

The technology of KVM provides added flexibility and increased control in today's expanding IT infrastructure.

If you would like to know more about Avocent and how we can help you connect to your information infrastructure, visit us at [www.avocent-europe.com](http://www.avocent-europe.com)

• KVM

Extension

Solutions



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