

# Vertiv™ Avocent® LV 5500/ Avocent® 5520



## Features/Benefits

- **Zero Configuration**  
Effortlessly and automatically connect to various devices without having to go through the hassle of manual setup.
- **HD and Analog Audio**  
High-definition audio available for line in/out, microphone, headphone, or speakers.
- **4K @60 Hz**  
New technology auto-adjusts to deliver high quality video up to 4K/60 on both single and dual head extenders.
- **Fiber or Copper Option**  
Connect the transmitter and receiver with only a single fiber or copper cable. Expand the range and bandwidth of the KVM extender up to 4km with the fiber cable option.
- **Local Port Pass Through - (Single Head)**  
Allows up to two users, local and remote, simultaneous access to the same machine.
- **USB 2.0 True Emulation - (Dual Head)**  
Device USB emulation ensures the computer will boot without the Rx connected and allows dual PC operation. Improve productivity and functionality by taking advantage of forward and backward capability with the transparent, hi-speed USB 2.0 ports by connecting to tablets, joysticks, webcams, printers, and more.

*Vertiv™ Avocent® LV 5500/ Avocent® LV 5520 are single and dual head KVM (keyboard, video, mouse) extenders that provide remote access to multiple devices over an existing IP network. The Avocent LV 5500/ Avocent 5520 provides users in broadcasting, control centers, and other industries requiring access to multiple devices over IP, the ability to surpass the restriction distance can place, along with providing the speed and imagery they need to be effective and efficient.*

## Avocent LV5500/ Avocent 5520

The Avocent LV5500/ Avocent 5520 is the latest in the Avocent® high-performance family of products. They are point-to-point high performance KVM extenders that provide 24-bit color graphics over a single head up to 4K@60Hz. Along with providing real-time access, local port pass through, and HD analog audio, the Avocent LV5500/ Avocent 5520 provides an effortless and automatic connection for up to two users, local and remote, without the need for extensive manual setup. Increase business security with signed upgrade files and firmware updates from a single USB flash drive. The LV5500/5520 is ideal for broadcasting, control centers, and other industries requiring high performance, 4K video.

- The LV5500 is a single head high performance extender that provides 24-bit color graphics up to 4K@60Hz, and provides users with real-time access, high resolution clarity, and local console video output.
- The LV5520 is a dual head, high-performance point-to-point extender that provides 24-bit color graphics up to 4K@60Hz, along with hi-speed USB 2.0 emulation plus HD and analog audio.



## Ordering Information

LV5500	LV5520
Avocent® 4K single-head extender	Avocent®4K dual-head extender

## Technical Specifications

Technical Specifications	Avocent® LV5500	Avocent® LV5520
<b>Video Resolution</b>	4096x2160 @ 60Hz	4096x2160 @ 60Hz
<b>USB Audio</b>	USB or Stereo (Line In, Line Out)	USB or Stereo (Line In, Line Out)
<b>Connectors</b>	4 x Tri-color status LEDs DisplayPort in and local pass-through out 2 x USB2.0 Type B Line in and out analog audio RJ12 serial port RJ45 and SFP+ ports	4 x Tri-color status LEDs 2 x DisplayPort out (second port is a duplicate) 4 x USB2.0 full speed Type A Mic in, headset and speaker out RJ12 serial port RJ45 and SFP+ ports
<b>Power</b>	100 – 240 VAC, 47/63Hz 12 VDC 18W output from power supply unit	100 – 240 VAC, 47/63Hz 12 VDC 18W output from power supply unit
<b>Specification</b>	Single-head keyboard, video, and mouse extender Compatible with all known operating systems No drivers required 5Gb/s CATx or 10Gb/s fiber with ultra-low latency adaptive video stream compression USB: Up to two channels of 24-bit, 96kHz sampled PCM audio	Dual-head keyboard, video, and mouse extender Compatible with all known operating systems No drivers required 5Gb/s CATx or 10Gb/s fiber with ultra-low latency adaptive video stream compression USB: Up to two channels of 24-bit, 96kHz sampled PCM audio
<b>Operating/Storage Conditions</b>	<b>Storage Temperature:</b> -10°C to 50°C/14°F to 122°F <b>Operating Temperature:</b> 0°C to 40°C/32°F to 104°F <b>Humidity:</b> 0% to 80% (non-condensing)	<b>Storage Temperature:</b> -10°C to 50°C/14°F to 122°F <b>Operating Temperature:</b> 0°C to 40°C/32°F to 104°F <b>Humidity:</b> 0% to 80% (non-condensing)
<b>Physical</b>	<b>Dimension:</b> 186mm/7.32" (W), 39mm/1.54" (H), 148mm/5.83" (D) <b>Weight:</b> 1.29 kg/2.84 lbs.	<b>Dimension:</b> 186mm/7.32" (W), 39mm/1.54" (H), 148mm/5.83" (D) <b>Weight:</b> 1.24 kg/2.73 lbs.
<b>Packaging Box</b>	<b>Dimension:</b> H: 143 mm / 5.62 In W: 236 mm / 9.30 in L: 262 mm / 10.30 in Weight: 1.91 Kilo's / 4.2 LB's	<b>Dimension:</b> H: 143 mm / 5.62 In W: 236 mm / 9.30 in L: 262 mm / 10.30 in Weight: 1.91 Kilo's / 4.2 LB's
<b>Approvals/Compliance</b>	CE and FCC	CE and FCC
<b>Cable Type Recommendations</b>	CAT5e, CAT6, and Fiber (SM & MM)	CAT5e, CAT6, and Fiber(SM & MM)
<b>Cable Length Rules</b>	Ethernet specifications rules apply 100m maximum for CAT6 cable and 4km maximum over optical fiber link	Ethernet specifications rules apply 100m maximum for CAT6 cable and 4km maximum over optical fiber link