

KLX-X SERIES

ADVANCED HDMI AND DISPLAYPORT KVM EXTENDERS VIA CATX AND FIBER



ELEVATE YOUR CONNECTIVITY WITH HDMI AND DISPLAYPORT KVM EXTENDERS VIA CATX AND FIBER

FEATURES

- **4K Video:** Supports 4K at 30Hz or FHD at 60Hz
- **VLAN Management:** Integrate with managed network switches for dynamic, scalable, and cost-effective matrix switching.
- **High-Performance AV:** Exceptional video streaming with low latency.
- **Flexible Connectivity:** Extender connections up to 100 meters over Cat5 and up to 10 km over Fiber.
- **Visually Lossless Video:** HDMI or DisplayPort video with no perceptible loss.
- **Versatile Options:** HDMI & DP support for diverse video inputs.
- **Transparent USB 2.0:** Up to ~25 MBps transfer rate.
- **Compact Design:** Small footprint for any workspace.
- **Affordable Connectivity:** Entry-level cost without compromising quality.

APPLICATIONS

- Single device KVM Over IP Gateways
- Enterprise level multi-user matrix solutions.
- Remote gaming
- Working at home
- Managing a Kiosk
- Sharing resources in a business,
- HD audio-video broadcast
- Accessing data during a military operation
- Managing network cable boxes remotely



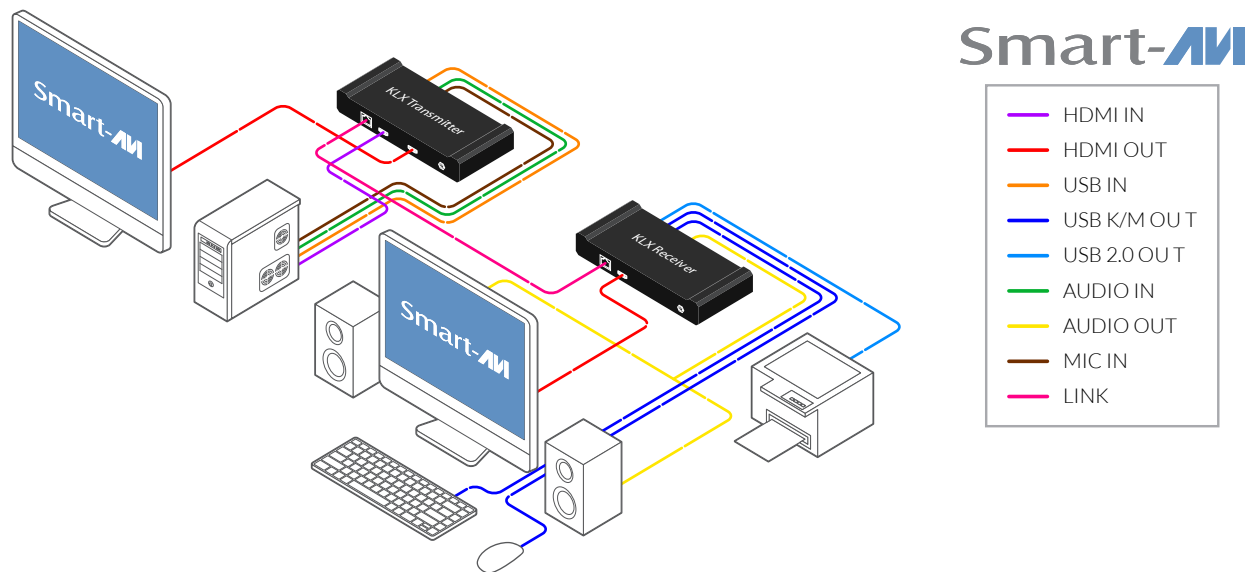
Designed and Manufactured in the USA

REVOLUTIONIZE CONTROL WITH THE KLX-X

Introducing the KLX-X series, your gateway to seamless connectivity. This point-to-point model revolutionizes your control experience, ensuring reliable and high-performance connections.

OVERVIEW

Unleash the potential of the KLX-X series — where reliability meets affordability. Perfect for small offices, home workstations, retail displays, or conference rooms, this point-to-point model offers versatile connectivity without breaking the bank. Seamlessly extend your connections up to 100 meters over Cat5 and up to 10 km over Fiber, ensuring high-quality video streaming with minimal latency. With HDMI & DP support, the KLX-X series is your compact solution for affordable, reliable, and high-performance connectivity.



WHAT MAKES THE KLX-X STANDOUT

- **High-Performance AV.** Enjoy unparalleled video quality with high-quality streaming characterized by low latency and lossless compression. The point-to-point model ensures a top-tier audio-visual experience for seamless communication.
- **Extended Flexibility.** Extend your PC's connection with remarkable flexibility. Whether over copper for distances up to 100 meters or over fiber optics for expansive reach up to 10 kilometers, this model provides versatile solutions to suit diverse connectivity needs.
- **Compatibility at its Core.** Seamlessly integrate with a wide array of displays thanks to default EDID support and the ability to learn EDID. The point-to-point model ensures compatibility, allowing for optimal performance across various display configurations.
- **HDCP Compliance.** Safeguard your content with HDCP compliance. This feature ensures that the point-to-point model adheres to industry standards, providing a secure connection and preventing unauthorized duplication of high-definition content.



SEAMLESS INTEGRATION WITH MANAGED NETWORK SWITCHES

Enhance Your Connectivity with VLAN Management

Maximize the potential of your KLX-X extenders by integrating them with a managed network switch. Our KLX-X series works effortlessly with both fiber and Ethernet switches, enabling sophisticated matrix switching through VLAN settings.

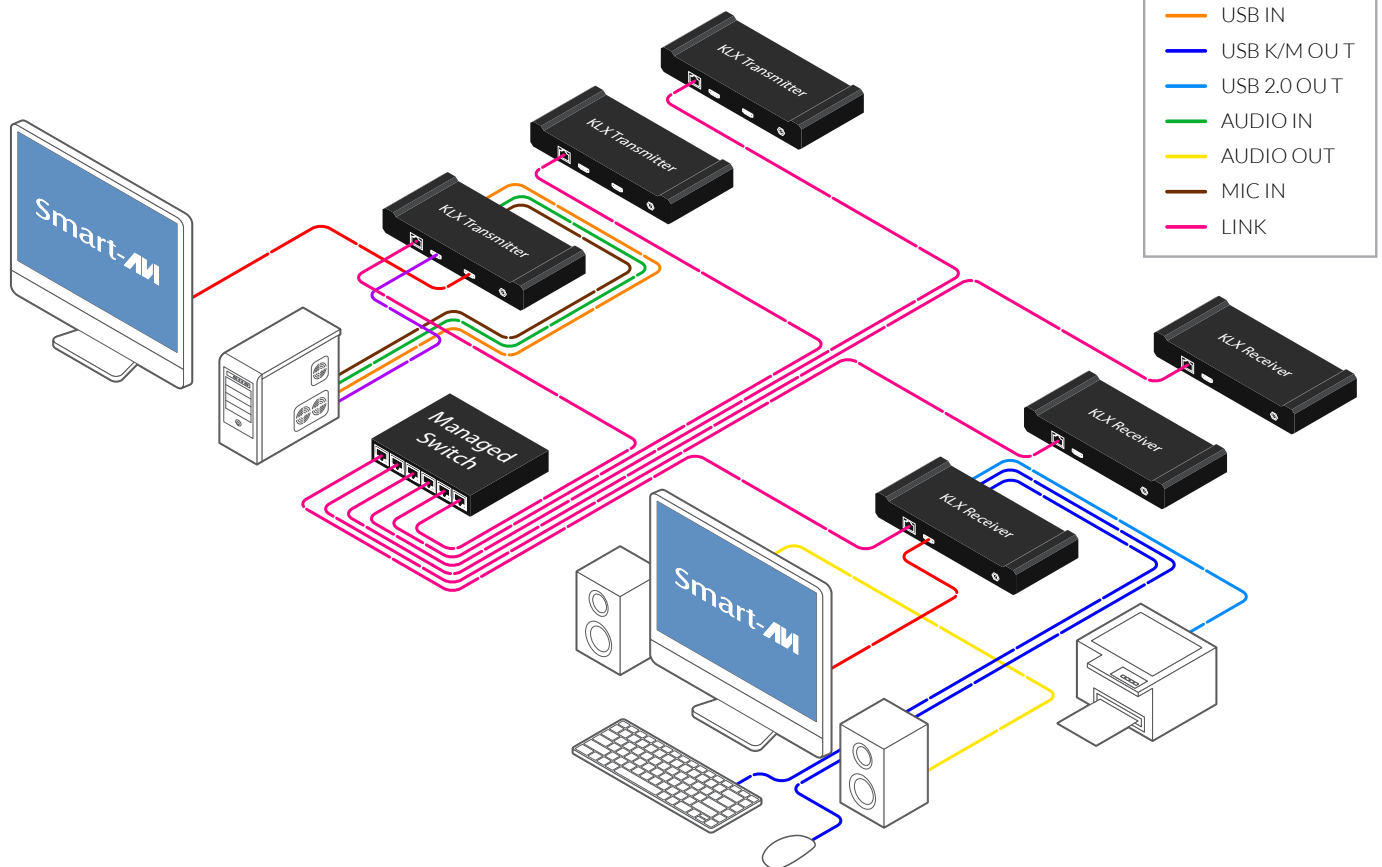
Dynamic Switching Made Easy

Utilize VLANs to reconfigure transmitter-receiver pairings on the fly. Simply adjust the VLAN settings on your switch and power cycle the receivers for immediate changes.

Why VLAN Management?

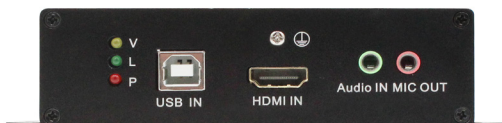
- **Flexible Management:** Easily manage and reconfigure connections.
- **Scalable:** Ideal for growing setups needing high-performance connections.
- **Cost-Effective:** Achieve advanced switching without expensive hardware.

Smart-**AVI**



FRONT AND BACK

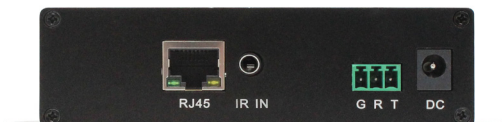
HDMI WITH CAT5



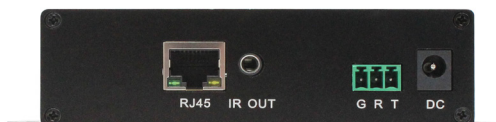
KLX-X100-TX Front



KLX-X100-RX Front



KLX-X100-TX Back



KLX-X100-RX Back

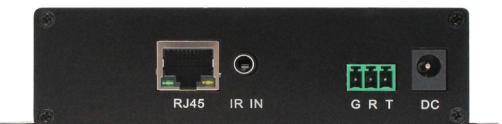
DISPLAYPORT WITH CAT5



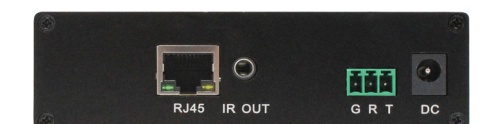
KLX-X150-TX Front



KLX-X150-RX Front



KLX-X150-TX Back



KLX-X150-RX Back

HDMI WITH FIBER



KLX-X1000-TX Front



KLX-X1000-RX Front



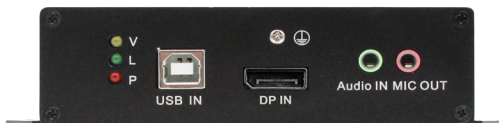
KLX-X1000-TX Back



KLX-X1000-RX Back

FRONT AND BACK (CONTINUED)

DISPLAYPORT WITH FIBER



KLX-X1500-TX Front



KLX-X1500-RX Front



KLX-X1500-TX Back



KLX-X1500-RX Back

HDMI WITH CAT5 & FIBER



KLX-X2000-TX Front



KLX-X2000-RX Front



KLX-X2000-TX Back



KLX-X2000-RX Back

DISPLAYPORT WITH CAT5 & FIBER



KLX-X2500-TX Front



KLX-X2500-RX Front



KLX-X2500-TX Back



KLX-X2500-RX Back

TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI (X100, X1000, X2000) DisplayPort (X150, X1500, X2500)
Max Resolution	3840x2160 @ 30Hz
Input Cable Length	Up to 20 ft
Output Cable Length	Up to 20 ft
ETHERNET	
Format	RJ45 and/or SFP Fiber
Supported Cable Length	300ft/100meters via CATx 10km via Fiber
USB	
Signal Type	(2) HID KM Ports, (2) USB 2.0 Ports
User Console Interface	(2) USB Type-A for keyboard and mouse connection only (2) USB Type-A for USB 2.0 devices

AUDIO	
Input	Stereo 3.5 mm Female
Output	Stereo 3.5 mm Female
POWER	
Power Requirements	5V DC, 2A (minimum) power adapter with center-pin positive polarity
ENVIRONMENT	
Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing
MEASUREMENTS	
Dimensions (X100, X150, X1000, X1500)	5.2" W x 3.75" L x 1.5" H
Dimensions (X2000, X2500)	8.5" W x 4" L x 1.8" H
Weight (X100, X150, X1000, X1500)	8 oz
Weight (X2000, X2500)	1lb 10oz

PART NO.	DESCRIPTION
KLX-X100	Advanced HDMI KVM Extender over CATx
KLX-X150	Advanced DisplayPort KVM Extender over CATx
KLX-X1000	Advanced HDMI KVM Extender over Fiber
KLX-X1500	Advanced DisplayPort KVM Extender over Fiber
KLX-X2000	Advanced HDMI KVM Extender over CATx & Fiber
KLX-X2500	Advanced DisplayPort KVM Extender over CATx & Fiber



www.smartavi.com
 Tel: (888) 994-7427 • (702) 800-0005
 2917 E Alexander Rd.
 North Las Vegas, NV 89030

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