

KLX-500 V2

DVI KVM EXTENDER VIA LAN



**BREAK DISTANCE BARRIERS TO EXTEND DVI AND KVM SIGNALS
OVER IP USING CAT5/5E/6 CABLES**

FEATURES

- Extends KVM operation by 500 feet via LAN (CAT5/5e/6 cables)
- Supports DVI input
- Supports full USB emulation for keyboard-videomouse operation
- Audio input and output
- Supports 1080p up to 1920 x 1080 resolution at 60 Hz
- Plug-and-Play ready
- No software or driver required

APPLICATIONS

- Digital Signage
- Public Presentations
- Security and Surveillance
- PC Networking
- Healthcare Supervision
- Educational Spaces
- Hotel Displays
- Convention Centers
- Point of Sale and Retail
- Military and Government Systems
- Isolated, Remote Work Outposts
- Video Conferencing
- Control Room Systems
- Recording/Production Studios



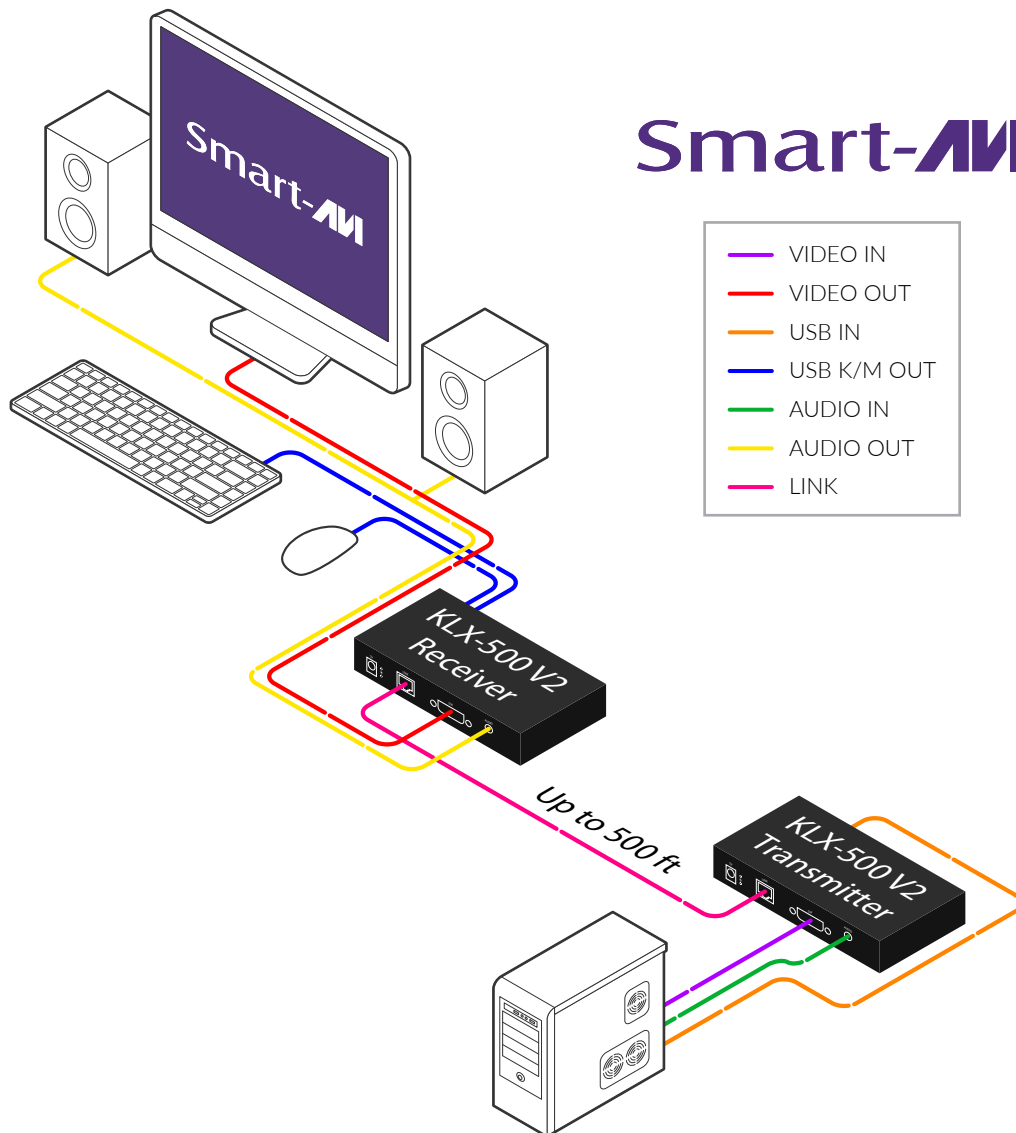
Designed and Manufactured in the USA

APPLICATION DIAGRAM

The KLX-500 V2 Extender provides 500 ft of connectivity using CAT5/5e/6 cables used in LAN infrastructure to extend KVM (Keyboard, Video and Mouse) operation of DVI input. Chain additional extenders to extend signals even further and transmit crystal clear audio-video signals in real-time.

The KLX-500 V2 is an ideal fit in preexisting LAN infrastructures, like corporate office environments and data centers. The KLX-500 V2 supports full USB emulation and 1080p HD video up to 1920 x 1080 resolution at 60 Hz. The KLX-500 V2 allows for remote KVM support, so managing workflow is never more than a mouse-click away. Built with plug-and-play functionality, setting up and running KLX-500 V2 is simple and seamless; no drivers or software installations required.

The KLX-500 V2 compresses data to utilize CAT5/5e/6 cables at no loss to performance or picture quality. For the best visual and control results when going the distance, KLX-500 V2 has your KVM and HD video needs covered.



EXTEND FOR ANY APPLICATION IN ANY ENVIRONMENT

SECURITY

When managing content in high-security environments, creating a safe and secure control room is critical. In the vast majority of such applications, that requires routing signals from a server room, where the computers are safely stored, to a control room, where approved personnel access the data and video feeds. Whether that's in a security surveillance center, an operations control room or some other security-related environment, being able to extend video, audio and USB is a must.

The KLX-500 V2 provides system architects with the flexibility they need to create secure environments for servers as well as the end users accessing those computers. And with video signal extension, users can manage their connected computers with expanded display options, enabling them to stay in control of their content at all times.

DIGITAL SIGNAGE

Managing a multi-screen digital signage solution requires some important foresight regarding the signal path to those informative and attractive displays. Particularly when it comes to properly scheduled, updated and managed content being displayed, it's much more efficient to keep all of the digital signage hardware in one central location and to extend the video signals out from there.

That means signal extension is an important part of a smart digital signage solution, and the KLX-500 V2 gives users the flexibility they want and need to place their digital signage screens in the right locations to maximize their effectiveness.

AUDIO AND VISUAL RECORDING

For users in the recording arts, maintaining the utmost in signal and recording fidelity is an absolute necessity. For video recording, it is often important that no unsightly computers are visible. Similarly, audio engineers must keep noisy computers away from the rooms where recording happens to ensure the final product sounds professional. In both such instances, the KLX-500 V2 gives users the ideal way to keep their servers or computers away from areas that audio or video recording is being done, ensuring a better final product.

EXTENDER UNITS



KLX-500-V2-TX Front



KLX-500-V2-RX Front



KLX-500-V2-TX Back



KLX-500-V2-RX Back

TECHNICAL SPECIFICATIONS

VIDEO	
Format	DVI-D
HDTV Resolutions	480p, 720p, 1080i, 1080p/60 Hz/48 bit
TV Resolution	480i
Input Interface (TX)	(1) DVI-I, (2) USB Type A (female), (1) USB Type B
Output Interface (RX)	(1) DVI-I, (2) USB Type A (female)
Input Cable Length (TX)	Up to 40 ft
Output Cable Length (RX)	Up to 40 ft
AUDIO	
Format	Stereo
Input Interface (TX)	3.5 mm jack socket (female)
Output Interface (RX)	3.5 mm jack socket (female)

SYSTEM	
Interface	RJ-45
Cable Requirements	CAT5/5e/6
Maximum Length	500 ft
OTHER	
Power	External 100-240 VAC/5VDC2A @ 10 W
Dimensions	8.75"W x 1.5"H x 3.5"D each
Weight	1.1 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temperature	41 to 122°F (5 to 50 °C)
Storage Temperature	32 to 149°F (0 to 65 °C)
Humidity	Up to 85%

PART NO.	DESCRIPTION
KLX-500-V2-S	DVI-D KVM with Audio Point-to-Point Extender over LAN or CAT5/5e/6. Includes: [KLX-500-V2-TX-S, KLX-500-V2-RX-S, and 2 x PS5VD2A-Wall Mount]