

TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit
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	Up to 40 ft
Output Cable Length	Up to 40 ft
AUDIO	
Format	Stereo
Input Interface	3.5 mm Jack Socket (Female)
Output Interface	3.5 mm Jack Socket (Female)
SYSTEM	
Interface	RJ-45
Cable Requirements	CAT 5/5e/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 TX & RX	1.1 lbs (each)
Approvals	UL, CE, ROHS Compliant
Operating Temp.	41 to 122 °F (5 to 50 °C)
Storage Temp.	32 to 149 °F (0 to 65 °C)
Humidity	Up to 85%

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
KLX-500-V2-TX	1	Industrial DVI, KVM Signal Transmitter
KLX-500-V2-RX	1	Industrial DVI, KVM Signal Receiver
PS5VD2A-WMT	2	PS5VD2A Power Supply
Quick Start Guide	1	

NOTICE

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SMART AUDIO VIDEO INNOVATION

KLX-500 V2

DVI KVM Extender via LAN



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

Quick Start Guide

OVERVIEW

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 mouseclick 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.

FEATURES

- Extends KVM operation by 500 feet via LAN (CAT5/5e/6 cables)
- Supports DVI input
- Supports full USB emulation for keyboard-video-mouse 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

HARDWARE INSTALLATION

1. Power off all devices prior to connecting them.
2. Connect the KLX-500-V2-TX transmitter to the computer with a USB Type A to Type B cable.
3. Connect the computers DVI output to the KLX-500-V2-TX DVI input.
4. Optionally connect the computers audio and microphone jacks to the KLX-500-V2-TX.
5. If you want local access you may optionally connect a DVI monitor to the DVI output on the KLX-500-V2-TX and a USB keyboard and mouse to the KLX-500-V2-TX USB ports marked for keyboard and mouse.
6. Connect a CAT 5/5e/6 cable to the KLX-500-V2-TX.
7. Connect a CAT 5/5e/6 cable to the KLX-500-V2-RX.
8. Connect a DVI monitor to the DVI output on the KLX-500-V2-RX.
9. Connect a USB keyboard and mouse to the KLX-500-V2-RX USB ports marked for keyboard and mouse.
10. Optionally connect speakers and a microphone to the KLX-500-V2-RX.
11. Power on all devices.
12. Press and release the SW button on the KLX-500-V2-RX to learn EDID from the connected monitor. The Link LED will go out and come back on flashing once the EDID is learned.

KLX-500-V2-TX FRONT



KLX-500-V2-TX BACK



KLX-500-V2-RX FRONT



KLX-500-V2-RX BACK

