

## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit
TV Resolution	480i
Input Interface (TX)	DVI-I, 2 USB Type A Female & 1 USB Type B
Output Interface (RX)	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	5VDC2A
Dimensions	8.75"W x 1.5"H x 3.5"D each
Weight TX & RX	1.1 lbs
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-TX500S	1	DVI-I KVM with Audio Point-to-Point Receiver over LAN or CAT5e/6 Transmitter
KLX-RX500S	1	DVI-I KVM with Audio Point-to-Point Receiver over LAN or CAT5e/6 Receiver
PS5VD2A-WMT	2	PS5VD2A Power Supply
Quick Start Guide	1	

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# KLX-500

## Chainable DVI/VGA KVM Extender via LAN



**BREAK DISTANCE BARRIERS  
TO EXTEND DVI/VGA AND KVM  
SIGNALS OVER IP USING  
CAT5E/6 CABLES**

**Quick Start Guide**

## OVERVIEW

The KLX-500 Extender provides 500 feet of connectivity using Cat5e/6 cables used in LAN infrastructure to extend KVM (Keyboard, Video and Mouse) operation of DVI and VGA input. Chain additional extenders to extend signals even further and transmit crystal clear audio-video signals in real-time.

The KLX-500 is an ideal fit in preexisting LAN infrastructures, like corporate office environments and data centers. The KLX500 supports full USB emulation and 1080p HD video up to 1920x1080 resolution at 60Hz. The KLX-500 features dual control operation for local and 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 is simple and seamless; no drivers or software installations required. The KLX-500 compresses data to utilize Cat5e/6 cables at no loss to performance or picture quality. For the best visual and control results when going the distance, KLX-500 has your KVM and HD video needs covered.

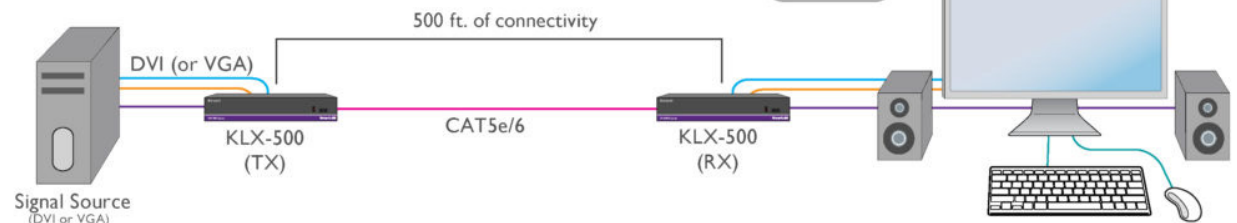
## FEATURES

- Extends KVM operation by 500 feet via LAN (Cat5e/6 cables)
- Chainable for thousands of feet of extension
- Supports DVI and VGA input
- Supports full USB emulation for keyboard-video-mouse operation
- Audio input and output
- Dual control operation, for local and remote use of KVM
- Supports 1080p up to 1920x1080 resolution at 60 Hz
- Plug-and-Play ready
- No software or driver required

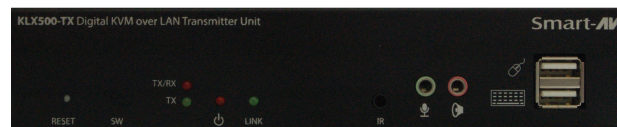
## HARDWARE INSTALLATION

1. Power off all devices prior to connecting them.
2. Connect the KLX-500-TX transmitter to the computer with a USB Type A to Type B cable.
3. Connect the computers DVI output to the KLX-500-TX DVI input. See Note below if VGA output is required.
4. Optionally connect the computers audio and microphone jacks to the KLX-500-TX.
5. If you want local access you may optionally connect a DVI monitor to the DVI output on the KLX-500-TX and a USB keyboard and mouse to the KLX-500-TX USB ports marked for keyboard and mouse.
6. Connect a CAT 5/5e/6 cable to the KLX-500-TX.
7. Connect a CAT 5/5e/6 cable to the KLX-500-RX.
8. Connect a DVI monitor to the DVI output on the KLX-500-RX.
9. Connect a USB keyboard and mouse to the KLX-500-RX USB ports marked for keyboard and mouse.
10. Optionally connect speakers and a microphone to the KLX-500-RX.
11. Power on all devices.
12. Press and release the SW button on the KLX500-RX to learn EDID from the connected monitor. The Link LED will go out and come back on flashing once the EDID is learned.

### Smart-AM KLX-500



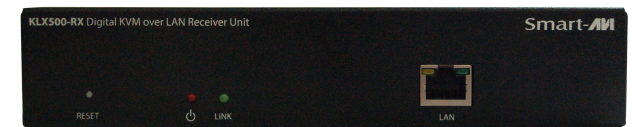
### KLX-TX500S FRONT



### KLX-TX500S BACK



### KLX-RX500S FRONT



### KLX-RX500S BACK

