

The DVX500 extends any DVI-I, keyboard and mouse signals up to 10,000 ft with fiber and 500 feet with CAT5.

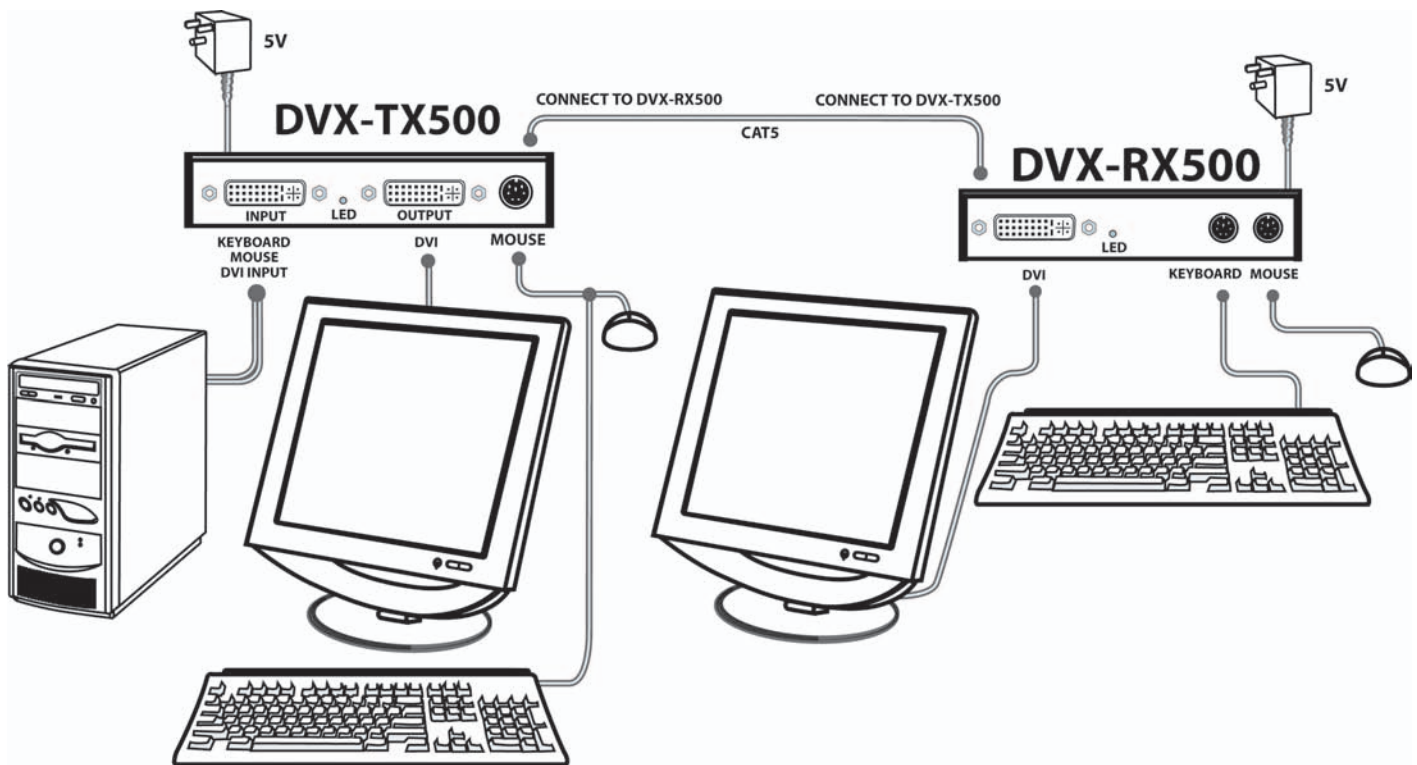


The DVX500 extends the distance between any computer supporting DVI-I and keyboard and mouse to 500ft. with CAT 5.

FEATURES

- ▲ **Perfect Image Quality at all Resolutions**
- ▲ **Supports both VGA and the latest DVI video interfaces (future proof your investment)**
- ▲ **Supports Mixed DVI and VGA operation**
- ▲ **Video Resolutions up to 1600 x 1200 @ 60Hz using Cat5**
- ▲ **Local Console Option (Dual Access)**
- ▲ **Transparent to Keyboard and Mouse Emulation**
- ▲ **No length restrictions for particular video resolutions**
- ▲ **Transmission length:**
 - 500 ft. with regular Cat5 cable
 - 700 ft. with 62,5/125 μ Multi-mode Fiber Cable
 - 1500 ft. with 50/125 μ Multi-mode Fiber Cable
 - 10 km with 9/125 μ Single-mode Fiber Cable
- ▲ **Compatible with all operating systems**
- ▲ **Compatible with all major KVM Switches**
- ▲ **Rack Mount options (19"): Mount up to 3 devices in 19"/1U or up to 6 devices in 19"/2U. This saves expensive rack space.**

Application Diagram



Applications

- Financial (remote users and server control)
- Call Centers (co-locate user's computers)
- Industrial (protection against pollution)
- Information Terminals & Kiosks
- Airports (air traffic control, passenger information systems)
- KVM extension where an exceptional image quality is required
- Medical - using computer tomographs generates strong magnetic fields, which make it impossible to use monitors.

DVX500 - The Future of KVM Extension

With Flat panel displays becoming more prevalent it is natural to drive them digitally through their DVI interface to obtain optimum image quality. DVX500 supports DVI extension up to resolutions of 1600x1200 to ensure the benefits of using DVI are maintained even if you locate your monitor 140m away.!

The DVX500 consists of a Transmitter and a Receiver unit. These two devices enable long-distance, loss less transmission of DVI video signals between a digital video source and a digital display device. The DVX500 is equipped with DVI-digital (Digital Visual Interface) connectors for a single-link and optional keyboard and mouse. The DVX500 receiver is small enough to be attached near a projector. With the DVX500, the maximum distance between the source and digital display is 500 feet using cat5.

Flexibility

DVX500 has a modular architecture providing superb flexibility. Not only are all standard peripheral connections supported (PS2, SUN), but also the different cabling interfaces (depending on model) for bridging the required distance: Cat5 network cable.

The Features

Depending on the type of device, you can connect monitors with a resolution of up to 1600x1200 pixels. You can use a PS2 Mouse and Keyboard, SUN Keyboard/Mouse or USB Devices. The highly dense packing of the electronic components gives you the ability to mount this unit in a slim, tight housing, which can be placed on the table, as well as mounted at a wall as well as stacked in a 19" Housing.

- Support for DVI-D Graphic cards (all devices)
- Support for PS2-Keyboard and PS2-Mouse (Optional)
- Support for USB-Keyboard and USB-Mouse (Optional)
- Maximum resolution: DVI-D: 1600x1200@60Hz over all allowed distances all lower resolutions with refresh rates of at least 75Hz
- Supporting 18 Bit color depth = 256,000 colors
- Status indicator LEDs on each device.
- Small footprint chassis.
- Rack mount options available.
- CPU cables + Adapters included.

Connecting Cables

Cat5 Modules: S/UTP (Cat5) cable acc. to EIA/TIA 56A or TSB 36 or Digital STP 17-03170. Four pairs AWG 24. compatible with EIA/TIA 568A

Multimode Modules: Two fibers 50µm or 62.5µm. E.g. I-V(ZN)H 2G50 or I-V(ZN)HH 2G62,5 or I/AD(ZN)H 4G50.

Highlights

- Top Image Quality at all Resolutions
- Video Resolutions up to 1600 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances up to the maximum distance
- User selectable: DCC-Information used from the remotely located Monitor, from the locally located Monitor or from an internal DDCTable
- Basic device to remotely locate Monitor and Keyboard/Mouse
- Supports (depending on device type) PS2- keyboard/mouse or USB (USB supports keyboard/mouse and all HDI=Human device interface devices like Touch screen, Graphic Tablets, ...
- Dual-Access: in addition to the remote access, a Monitor (all models) and Keyboard/Mouse (PS2 models only!) may be connected directly at the PC
- Option: Dual-Head for PS2 and USB: Support for two displays at the workplace – for Dual Port Graphic Cards
- Maximum Screen Resolution on all distances: 140 m w/ regular Cat5 Cable
- Compatible with all operating systems
- Compatible with all major KVM Switches
- Rack Mount options (19"): Mount up to 4 devices in a 19"/1U rack mount kit. This saves expensive rack space.



TRANSMITTER



RECEIVER

SPECIFICATIONS

Video Interface	DVI
Resolution	1600x1200@60H , Resolution up to 1280x1024 min.75H
Keyboard/mouse	PS2 (Mouse and Keyboard) USB (keyboard/mouse support)(Optional)
Power Supply	Universal Switchmode PSU (90-240V Input)
Input Interface	DVI-D (SingleLink)
Output Interface	DVI-D (SingleLink) – not HDz P compatible
Upgradable	Onboard Flash
Dimensions	103 x 143 x 29 mm (19" Rackmount Kit and brackets available)

ORDER INFO

MODEL	DESCRIPTION
DVX-RX500	DVX receiver. Extend DVI, Keyboard, and Mouse.
DVX-TX500	DVX transmitter. Extend DVI, Keyboard, and Mouse.