



DSXi

Full Speed CATx Extender

Digital KVM Extension with no loss in image quality

The DSXi Extender series supports DVI graphic interfaces (DVI-D) in an uncompressed mode and at the highest resolution (up to 1920x1200@60Hz). Additionally, all devices transmit USB keyboard and mouse signals. With our Enhanced USB Emulation (EUE) the device will also support a wide range of special USB HID Devices like touch screens or multimedia keyboards. With our USB 2.0 option, these devices will also support bi-directional communications with printers, scanners, hard drives, web cams, CD/DVD drives and other high speed USB devices.

With uncompressed transfer of the DVI Data at full speed, our DSXi meets the highest demands for video transmission. This means no picture corruption or Frame-Drops can occur. Even on highest resolutions (1920x1200@60Hz) you'll enjoy a comfortable working display and a smooth picture movement on videos. The maximum transfer distance depends on the screen resolution. But even in the highest resolution of 1920x1200 you can easily bridge 40m. The small footprint design allows dense packaging where up to 5 devices can be mounted into 1RU tray. The device is small enough that it can be used in a desktop application without

FEATURES

- * Top Image Quality at all resolutions without frame drops.
- * Uncompressed data transmission for perfect picture quality.
- * User selectable DDC - from remote, local, or internal DDC table
- * Remotely locate Monitor (Single-Head/ Singlelink) and Keyboard/Mouse (USB-HID)
- * Optional USB 2.0 support for printers, scanners, hard disk drives with additional CATx cable installed
- * Max. distances: up to 50m with Cat5e, Cat6, Cat7 cables
 - 40 m @ 1920x1200
 - 40 m @ 1920x1080
 - 50 m @ 1600x1200
 - 50 m @ 1280x1024 and lower
- * Compatible with all major KVM Switches
- * Rack Mount options (19"): Mount up to 5 devices in a 19"/1U rack mount kit.
- * Max. resolution: DVI Singlelink 1920x1200@60Hz
- * Color depth: 24bit
- * Flash upgradable



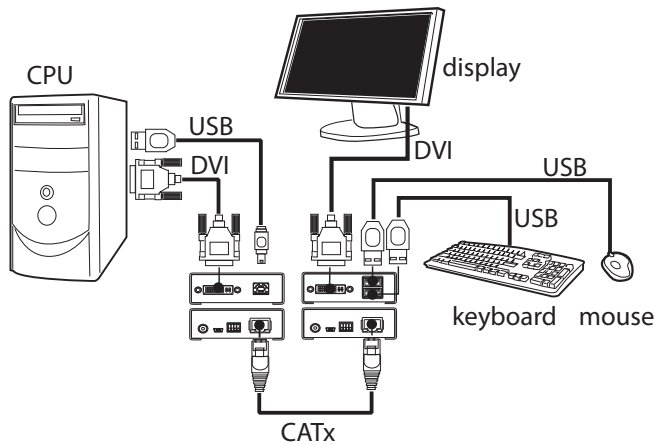
MODEL 473 - DSXi DVI & KVM Extenders



With flat panel displays becoming more prevalent and monitor resolutions increasing, it is a natural transition to migrate video sources to digital interfaces. Through the DVI interface resolutions up to 1920X1200@60Hz can be transported at the highest quality ensuring perfect image resolution.

DSXi Extenders support digital video and keyboard/mouse interfaces for USB-HID devices such as touch screens, tablets, and other pointing devices.

The DSXi provides full speed, uncompressed video without video frame drops or signal corruption.



Typical Connection Diagram

SPECIFICATIONS

Power Supply

Voltage 90-240VAC, 0.5A, 47-63Hz
5VDC, 2000mA
For remote unit (local unit optional)

Power Requirements

Single-Head 5V / 500mA (local unit can pull power from USB)
Dual-Head 5V / 500mA (local unit can pull power from USB)

Interface

Video Source/Monitor DVI-D up to 1920X1200 @ 60Hz
Keyboard USB (HID)
Mouse USB (HID)
USB 2.0 devices USB 2.0 (optional only)
Connections for CATx RJ-45 / 5000 Mbit/s to EIA/TIA 568B

Maximum Length of Interconnection Cable

CATx cable 40m (131ft) with AWG24 solid cable up to 1920X1200
50m (164ft) with AWG24 solid cable up to 1280X1024
S/UTP (CAT5) cable acc. EIA/TIA 56A, TSB 36 or Digital STP 17-03170. Four pairs AWG 24. Wiring acc. EIA/TIA 568A (1000 base T)

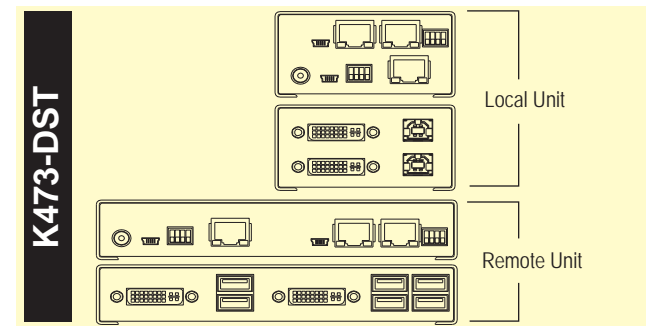
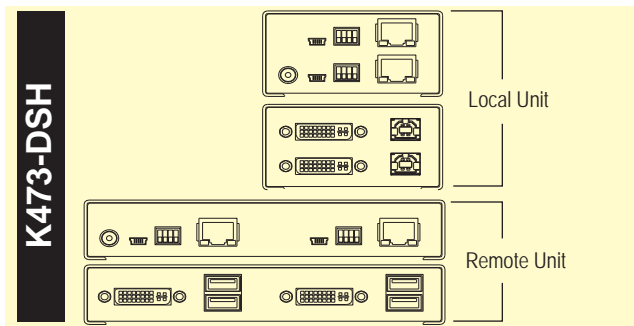
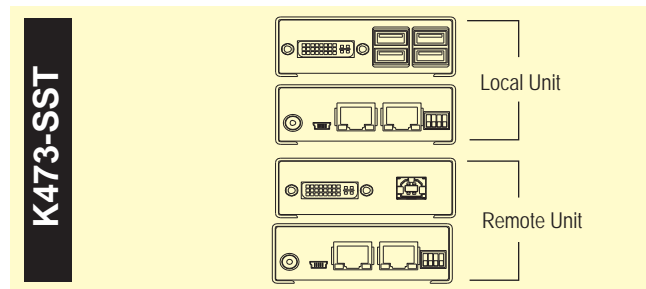
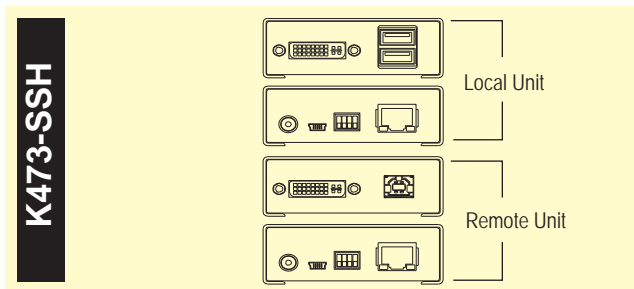
Size of units

Single-Head: 80m X 110m X 29m
3.1in X 4.3in X 1.1in
Dual-Head remote: 161m X 110m X 29m
6.3in X 4.3in X 1.1in
Dual-Head local : 80m X 110m X 42m
3.1in X 4.3in X 1.65in

PART NUMBERS

K473-SSH K473-SSH
K473-SST K473-SST
K473-DSH K473-DSH
K473-DST K473-DST
DSXi Single-Head DVI-D + USB (HID)
DSXi Single-Head DVI-D + USB 2.0
DSXi Dual-Head DVI-D + USB (HID)
DSXi Dual-Head DVI-D + USB 2.0

Product Input/Output Port Details



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