Transparent USB Extender w/ Video, Audio, RS232 via Fiber **XTENDEX®**

Extend four USB devices, RS232, Audio and DVI video up to 6,500 feet (2,000 meters)

- Supports fully transparent USB connections supports all USB computers (PC, SUN and MAC) and their associated peripherals.
- Signal transmission via four-strand singlemode or multimode LC fiber optic cable.Using singlemode cable, extend to 6,500 feet (2,000 meters).
- Using multimode cable, extend to 1,650 feet (500 meters).
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
- Two modes of USB operation. Local mode computer sees USB devices connected to the transmitter.
- Remote mode computer sees USB devices connected to the receiver.
- Cables can be installed in conduit prior to extender installation.
- Extend USB devices such as keyboards, mice, printers, game controllers, flash drives, touch screen monitors, whiteboards, etc.
- Compliant with USB 2.0 (low/full/high speed) standards.
- Low RFI/EMI for sensitive applications.
- Optical link is not susceptible to eavesdropping or electromagnetic interference
- Includes rack mounting kit.



ST-FOUSB2DARS-LC (Remote and Local Unit)

The XTENDEX® Transparent USB Extender with DVI Video, Audio and RS232 via Fiber extends four USB devices, RS232, speakers and a single link digital DVI display up to 6,500 feet (2,000 meters) via two duplex singlemode LC fiber optic cables.

Each DVI USB KVM Extender consists of a local unit that connects to a computer and provides local keyboard, monitor and mouse connections, and a remote unit that connects to four USB devices, a DVI display, and analog stereo audio speakers.

1,650 feet (503 meters) over 50µm multimode LC fiber optic cable.

6,500 feet (1,981 meters) over 9µm singlemode LC fiber optic cable.

Use a FIBER-2D-LCLC-50-xxM (2 duplex multimode LC 50-micron)

multimode fiber optic cable to extend the receiver from the transmitter

Use two duplex singlemode LC 9-micron fiber optic cable to extend the

Includes 6 ft (1.8 m) male to male DVI-I cable to connect a DVI source

Includes 6 ft (1.8 m) male USB Type A to male USB Type B cable to

Includes 6 ft (1.8 m) male to male RS232 cable to connect a controller.

Local and remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter

Operating and Storage Relative Humidity: 5 to 85% non-condensing RH.

Power consumption: 40W (each - transmitter and receiver).

Dimensions WxDxH: 12.6x5.1x1.75 in. (320x130x45 mm)

Operating temperature: 32°F to 122°F (0°C to 50°C)

Storage temperature: -14°F to 185°F (-10°C to 85°C)

Use SA-xx-MM male to male 3.5mm stereo audio cables to connect

receiver from the transmitter up to 6,500 feet (1,981 meters).

Specifications

Power

Cables

Max Distance

speakers.

or display.

Environmental

Regulatory Approvals

CE, FCC, RoHS.

TAA compliant

Warranty

connect source.

(US AC adapter included).

up to 1,650 feet (503 meters).

Local Unit

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- Host Connection
 - Supports USB computers (PC, SUN and MAC) with single link digital DVI video.
 - Multiplatform support: Windows 2000/XP/Vista/7, Windows Server 2000/2003/2008, Solaris, Linux, FreeBSD, and MAC OS 9/10.
- One female DVI-I, one female USB Type B, one 3.5mm stereo audio jack, and one female DB9 connectors.
- Local Access .
 - Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
 - One female DVI-I and two female USB Type A connectors.

Remote Unit

- One female DVI-I, four female USB Type A, one 3.5mm stereo audio jack, and one male DB9 connectors.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
- Video signal: single link digital DVI.
- Provides support for hi-speed (480 Mbps), full-speed (12 Mbps) or low-speed (1.5 Mbps) USB devices.
 - Compatible with USB touch screen monitors, including HP Compag L2105tm.
- Audio signal: analog stereo audio.
 - Audio sampling rate: 48KHz
 - Input impedance: >25Kohm
 - Output impedance: 100ohm
 - Frequency response: 40Hz to 15KHz \pm 1dB
 - Signal-to-Noise Ratio (SNR): >79 dBA .
 - Total Harmonic Distortion + Noise (THD+N): <0.05%
 - Stereo crosstalk: -67dB @ 1KHz
- Supports RS232 up to 250Kbps
- Compliant with DDWG DVI standard.
- Supports the DDC2B protocol.



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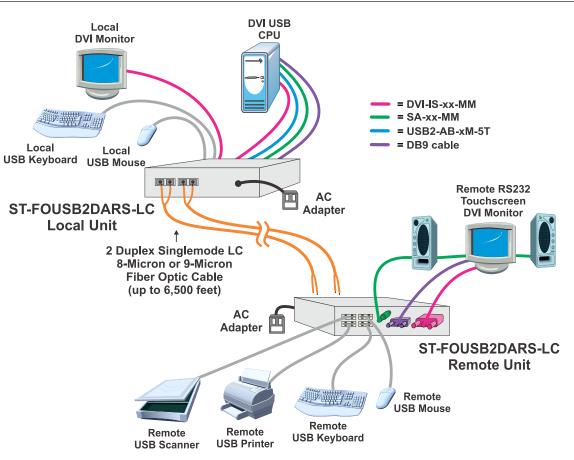
Two years

International calls

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Extend four USB devices, RS232, Audio and DVI video up to 6,500 feet (2,000 meters)

Configuration and Cable Illustrations





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