CrystalView DVI EX

KVM, DVI, USB 2.0, Audio CAT5 Extender

Extend your complete workstation, keyboard, mouse, DVI monitor, USB devices, and audio up to 1640 feet (500 meters) from your computer over CAT5 UTP cable.

Resolution up to 1680 x 1050 at 1640 feet

Designed to support high speed USB devices

Three remote USB ports available

Supports up to 4 USB hub levels and 13 USB devices

Supports USB printers, scanners, hard drives, audio devices, web cams, game controllers, and many more USB device types

Easy installation

Features and Benefits

- Supports USB 1.1 or 2.0
- Extend your workstation, USB devices, and audio up to 1640 feet (500m) over industry standard CAT5e UTP cable.
- HD resolutions up to 1680x1050, 24-bit color depth are supported at distances up to 1640ft (500m). The resolution does not degrade over all supported distances.
- Supports all USB 2.0 devices including keyboards, mice, web cams, flash drives, speakers, microphones, and other USB devices
- Operates with USB 2.0 high-speed host controllers and USB 1.1 host controllers.
- Standard USB hubs can be used to increase the maximum number of connected USB devices to 13.
- Up to 500 ma of power is available at each USB port for powering high-power USB devices
- Plug-and-Play installation, no configuration or set-up needed.
- Installation consists of:
  1. Connecting the receiver to your USB device(s), DVI monitor, USB keyboard and mouse, headphone or speakers and microphone
  2. Connect the transmitter to your computer's USB port and DVI-D monitor port.
  3. Connect the transmitter to the receiver with up to 1640 feet (500 meters) of CAT5 UTP cable
  4. Apply power and the installation is complete

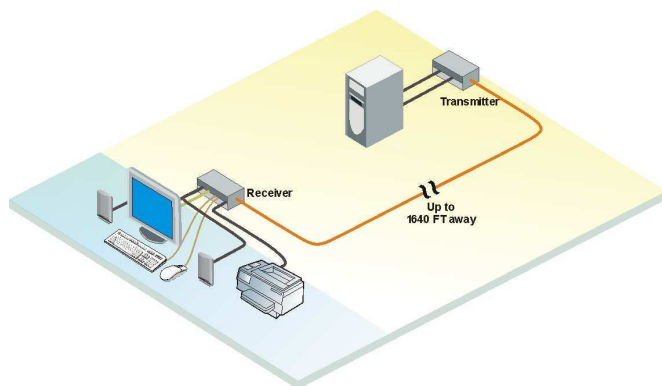## CrystalView DVI EX Advantage . . .

The CrystalView DVI EX is the extender of choice for businesses that need to extend and operate a computer and USB devices from a great distance. The CrystalView DVI EX makes this possible by the use of standard CAT5 UTP cable. You can fully operate and control a computer and USB devices from as far away as 1,640 feet using standard CAT5e cable.

The CrystalView DVI EX supports DVI-D video at resolutions up to 1680 x 1050. Stereo audio and a microphone can be transmitted in either direction across the CAT5 link simultaneously.

The CrystalView DVI EX allows you to position a CPU up to 1,640 feet away from the KVM station using common twisted pair CAT5 cable.

Access to your computers is made convenient in a variety of situations. You can locate users away from hazardous industrial environments; locate CPUs away from areas vulnerable to theft of hardware and data; reduce noise and heat; increase desk and floor space. The CrystalView DVI EX supports all types of USB devices such as printers, scanners, hard drives, and audio devices.

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Typical Application

Control your computer and USB devices from up to 1640 feet away

Overview   The CrystalView DVI EX extender is usually sold in pairs, a transmitter unit and a receiver unit. The transmitter unit connects to your computers DVI-D video card connector and the USB port. The receiver unit connects to DVI-D monitor, microphone, powered speakers and 3 USB1.1 or 2.0 devices, normally a USB keyboard, USB mouse and a USB device. The transmitter and receiver unit are connected together with up to 1640 feet of standard CAT5e UTP cable. The CrystalView DVI EX supports USB hubs for adding up to 13 USB devices and 4 hub levels.

Installation   Installing the CrystalView DVI EX extender is as simple as connecting the computer's monitor, USB port to the transmitter unit, connecting up to 3 USB 1.1 or 2.0 devices to the receiver unit and connecting the local and remote units together with CAT5 cable. Apply power to the transmitter unit only, and it's ready to use.

Expanding using a USB hub   In addition to extending three USB devices, you can add up to 4 standard USB hubs to access additional USB devices. Connecting 4 USB hubs to the receiver will increase the number of USB devices that can be connected to a maximum of 13 devices and 4 hub levels.

Part Numbers
CRK-1DTXT-EX/A1   KVM Extender Kit,
                        DVI, USB 2.0, Audio

Specifications

Dimensions		Width	Depth	Height
	(in)	6.9	4.4	1.18
	(mm)	175	112	30

Shipping Weight   2.2 lbs (1.0 Kg)

Distance   1640 feet (500 m)

Connectors
Local   Video – DVI-D
             USB Type B
             Interconnect – RJ45

Remote   Video – DVI-D
              USB – 3 - Type A ports
              Microphone – 3.5mm
              headphone – 3.5mm
              Interconnect – RJ45

Power   Transmitter +5V DC
                Receiver +24V DC
Receiver output 500ma per USB output port

Indicators
Transmitter   Status – Green LED
                   Link – Green LED
                   Video – Green / Amber LED
                   USB – Green / Amber LED

Receiver   Status – Green LED
                Link – Green LED
                Video – Green / Amber LED
                USB – Green / Amber LED

Environment   Operating Temp. 32°F-122°F (0°C-50°C)
                       Humidity 20 – 80% non-condensing

Approvals   FCC Class A, CE, ICE2003 Class A

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