

CrystalView DVI Fiber



Digital Fiber KVM extender

Extends keyboard, video, and mouse signals up to:

- 650ft (200m) w/ 62,5 μ m Multimode-Fiber
- 1300ft (400m) w/ 50.0 μ m Multimode-Fiber
- 33,000ft (10,000m) w/9.0 μ m Singlemode-Fiber

Supports DVI-D video at resolutions up to 1600 x 1200

Supports Singlemode and Multimode fiber cables

PS/2 or USB keyboard and mouse support

Single or Dual video models

Easily adapted to your system

Features and Benefits

- Supports:
 - DVI-D video modes
 - PS/2 or USB keyboards and mice
- Extend a KVM station from a CPU using fiber cable up to 6 miles (10,000 m)
- Video resolutions up to 1600 x 1200 @ 60Hz
- Supports 18-Bit color (256,000 colors)
- Single and Dual video models available
- Compatible with all operating systems
- Fully automatic KVM sharing on local access models
- Status and Data error indicators on all units
- Easy installation and operation

The CrystalView™ DVI Fiber Advantage

The CrystalView DVI Fiber is the KVM extender of choice for businesses that need to extend and operate a computer, server, or KVM switch from a great distance. The CrystalView DVI Fiber makes this possible by the use of singlemode or multimode fiber cable. You can fully operate and control a computer or server from as far away as 6 miles using 9 μ m singlemode fiber. The CrystalView DVI Fiber supports all combinations of DVI-D monitors and video cards.

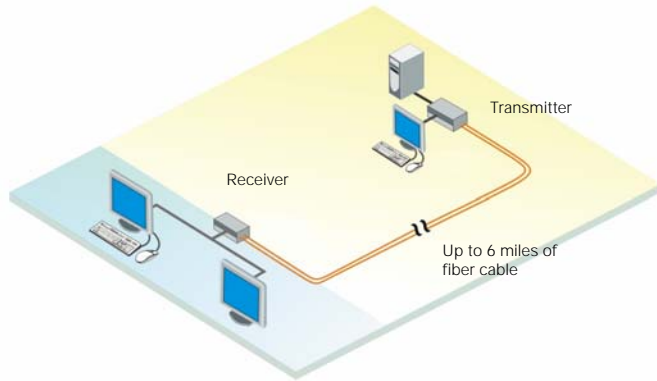
The system consists of two units; a transmitter and a receiver. The transmitter connects to your CPU's keyboard, DVI-D monitor, and mouse connectors, or to a Rose KVM switch. The receiver connects to a keyboard, DVI-D video monitor and mouse or KVM station. The transmitter and receiver are connected together with fiber cable. The receiver can be up to 6 miles from the transmitter using 9 μ m Singlemode-Fiber.

All models are available with both transmitter and receiver KVM access. The transmitter's KVM access allows an additional KVM station to be connected to the transmitter unit. If your system requires dual video, the CrystalView DVI Fiber dual video model can fully support it.



Fiber makes extended distances easy to reach

Typical Application



Dual DVI Video model Application
Digitally access a computer from two locations,
locally or up to 6 miles away

CrystalView DVI Fiber basics The CrystalView DVI Fiber system consists of a transmitter that connects to a PC, server, or KVM switch and a receiver that connects to a keyboard, monitor, and mouse or a KVM switch. The transmitter and receiver units are connected together with up to 6 miles of standard fiber cable.

Models The CrystalView DVI Fiber is available in a PS/2 or USB model. All models allow for a second KVM station next to the PCs, providing operation from the transmitter or the receiver unit. There is also a dual video model for systems that need to digitally transmit a second video source.

Installation Installing the CrystalView DVI Fiber units is as easy as connecting the KVM station to the receiver, connecting the CPU to the transmitter, and connecting the transmitter to the receiver with fiber cable.

Keyboard and Mouse emulation The CrystalView DVI Fiber uses a microprocessor to emulate the keyboard and mouse. Only the transmitter unit has to be connected for the PC to boot properly.

Part Numbers – Multi-Mode Fiber Extender kits

CRK-2DFMPD1D	PS/2 model
CRK-2DFMUD1D	USB model
CRK-2DFMPD2D	PS/2 Dual Video
CRK-2DFMUD2D	USB Dual Video

Part Numbers – Single-Mode Fiber Extender kits

CRK-2DFSPD1D	PS/2 model
CRK-2DFSUD1D	USB model
CRK-2DFSPD2D	PS/2 Dual Video
CRK-2DFSUD2D	USB Dual Video

Specifications

Dimensions	4.125W x 5.625D x 1.375H (in) 10.0W x 14.4D x 3.0H (cm) H = 2.7in (6.3cm) for dual video
Weight	0.65 lbs / 0.3 kg (each) 1.20 lbs / 0.6 kg (each-dual video)
Operating Temp	5°C – 45°C / 41°F – 113°F
Storage Temp	-25°C – 60°C / -13°F – 140°F Humidity 80% max, non-condensing
Resolution	up to 1600 x 1200 @60 Hz
Connectors	Video – DVI – I Keyboard – MiniDIN6 / USB Type A Mouse – MiniDIN6 / USB Type A Fiber – LC fiber
Power	90-240 VAC to 5.0 VDC / app. 10W
Max distance	650ft (200m) 62,5µm Multimode 1300ft (400m) 50.0µm Multimode 33,000ft (10km) 9.0µm Singlemode
Indicators (LEDs)	Front panel – power Video check LED RJ45 LEDs – Data error / status
Approvals	CE



CrystalView DVI Fiber
(Single video model)



CrystalView DVI Fiber
(Dual video model)