

# CrystalView DVI Micro



## DVI-D Fiber Extender

Supports resolutions up to:  
1920 x 1200 up to 984 ft (300M)  
1600 x 1200 up to 1,650 ft (500M)  
1280 x 1024 up to 2,300 ft (700M)

Bandwidth 1.65 Gbps (Single Link)

SC type multi-mode optical fiber

Uses only one (1) multimode fiber

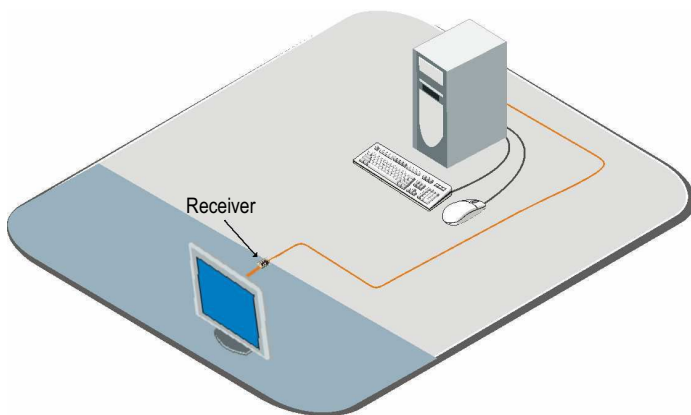
Auto-detect EDID information

## Features and Benefits

- Extend your digital flat panel display up to 2,300 feet away from the host DVI-D video source
- Supports resolutions up to:
  - WUXGA (1920 x 1200) up to 984 feet.
  - UXGA (1600 x 1200) up to 1,650 feet
  - SXGA (1280 x 1024) up to 2,300 feet
- TMDS digital signal transmission
- High speed, long distance transmission using SC type Multi-mode single fiber cable
- Auto-detect of EDID information

## Installation . . .

Installation of the CrystalView DVI Micro is a very easy and simple operation. Connect the transmitter labeled computer to the DVI video connector on your computer. Connect the receiver labeled monitor to your DVI monitor and connect the transmitter to the receiver with up to 2,300 feet of fiber optic cable.



## Part Number

CRK-1DFMDM Single fiber multimode  
CRK-1DFMDM/HDCP Single fiber multimode HDCP

## The DVI Fiber Advantage . . .

The CrystalView DVI Micro Fiber extender is designed to extend your digital flat panel display up to 2,300 feet from your DVI-D source using SC Type multi-mode single fiber cable. Distances up to 3,300 feet can be achieved at lower resolutions.

## Specifications

Resolution – up to 1920 x 1200

Bandwidth – 1.65Gbps (single Link)

Connectors – DVI-D 24 pin video connector  
SC type fiber connector

Power – 1.0W Max (Transmitter or Receiver)

Transmitter – optional +5V / 2A adapter

Receiver – +5V / 2A adapter

Dimensions – 1.57 x 2.61 x 0.6 inches (W x D x H)  
40.0 x 66.4 x 15.0 mm

Operating temp - 32° F - 122° F (0° C - 50° C)

Storage temp - -4° F - 158° F (-20° C - 70° C)

## Optical

Source – 850 nm VCSEL

O/E Converter – Pin Photo Diode

Recommended fiber      Connect the transmitter  
– 50/125 SC type      labeled “Computer” to  
Multi-mode fiber      the DVI-D connector on  
your computer



Ideal product for remote monitoring of large digital displays, building to building transmissions, digital signage, industrial engineering, military and aerospace applications