

# CrystalView DVI Mini



## DVI Mini extender

Supports video resolutions up to 1920 x 1200 @ 60Hz

Extends single-link DVI-D video up to 165 feet using STP CAT5e or STP CAT6 cable (165ft. @ 1280x1024 or lower)

Excellent video quality

Available in single or dual head models

Selectable DDC information (internal pre-defined or from the remote monitor)

USB – HID support

Compatible with all operating systems

Small in size

## Features and Benefits

- Single or dual head models available.
- Supports all operating systems and computers with a DVI-D graphic interface (uncompressed)
- Video resolutions up to:
  - 1920 x 1200 @ 130 feet (40 meters)
  - 1920 x 1080 @ 130 feet (40 meters)
  - 1600 x 1200 @ 130 feet (40 meters)
  - 1280 x 1024 @ 165 feet (50 meters)
- No video quality degradation at all resolutions
- Use the internal EDID configuration or read the information directly from the remote monitor
- Supports USB keyboards, mice and other HID devices like touch screens and graphic tablets.
- Selectable CATx cable length settings provides for the best, clearest image
- Automatic or manual resolution configuration
- Firmware upgradeable
- Rackmount kits available

## The CrystalView DVI Mini Advantage . .

The CrystalView DVI Mini is the ideal product to extend a keyboard, mouse and DVI monitor from the connected computer. It's small in size but produces excellent quality DVI-D video with no degradation at all resolutions. All models can extend the distance to the remote monitor up to 165 feet (50m).

The CrystalView DVI Mini supports DVI-D graphic cards with resolutions up to 1920 x 1200 @ 60Hz. Models are available for single head and dual head video.

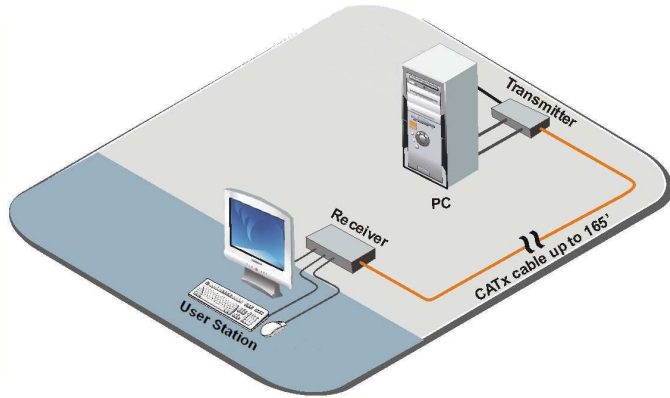
Simple adjustments can be made using the dip switches located on the transmitter and receiver. The dip switches on the receiver can be set, if needed, to specify the CATx cable length used between the transmitter and receiver. These settings should only be modified if the CATx cable length is very short or the image quality not satisfactory. The default setting is for cable lengths greater than approximately 100 feet (30 meters). The dip switches on the transmitter can be set, if needed, to specify the monitor resolution. In most cases, the cable length and monitor resolution default settings are suitable for all conditions and no adjustments are needed.

The CrystalView DVI Mini extender supports a wide range of USB HID devices. All standard 2 button, 3 button, and wheel mice and all standard keyboards are supported. Other HID devices such as touch-screens, graphic tablets, barcode readers or similar HID devices may function properly but are not guaranteed. The CrystalView DVI Mini only supports a maximum of two USB HID devices.



Standard CATx cable

## Typical Application



Route your DVI video up to 165 feet from your computer

**CrystalView DVI Mini basics** The CrystalView DVI Mini consists of a transmitter unit that connects to a PC's DVI video, keyboard, and mouse ports and a receiver unit that connects to a DVI monitor, USB keyboard and USB mouse. The transmitter and receiver units are connected together with up to 165 feet of standard CAT5, CAT5e, CAT6, or CAT7 cable.

**Models** The CrystalView DVI Mini is available in two models, the single head and dual head.

**Cables** The cables needed are ;

- DVI MM video cable(s) – CrystalView DVI Mini to computer DVI video port(s)
- USB Type A-B – CrystalView DVI Mini to computer USB type A port(s)

**Installation** Installing the CrystalView DVI Mini is as easy as connecting a DVI monitor, USB keyboard, and USB mouse to the receiver unit, a computer's DVI output port and USB port to the transmitter unit, and connecting the transmitter and receiver units together with CAT5e or CAT6 cable.

**Operation** Operating the CrystalView DVI Mini is no different than operating your computer normally. All computer functions and applications can be performed normally. The only difference is your keyboard, monitor, and mouse can be up to 165 feet away from the computer.

### Part number

CRK-M1DTXUD1D Transmitter and receiver  
Single head

CRK-M1DTXUD2D Transmitter and receiver  
Dual head

Note: CRK part numbers consist of a Transmitter, a Receiver unit, and power adapters

## Specifications

Dimensions	Width	Depth	Height	Weight
Single head (in)	3.1	4.3	1.1	0.9 lbs
Single head(mm)	80	110	29	0.4 kg
Dual head (in)	3.1/6.3	4.3/4.3	1.7/1.1	1.3 lbs
Dual head (mm)	80/161	110/110	42/29	0.6 kg

xx/yy = transmitter/receiver values

### Video:

Resolution:	1920 x 1200 @ 130 ft (40 m)
	1920 x 1080 @ 130 ft (40 m)
	1600 x 1200 @ 130 ft (40 m)
	1280 x 1024 @ 165 ft (50 m)

### Connectors:

Video	DVI-I
Kbd / Mouse	USB Type B on Transmitter USB Type A on Receiver
Interconnect	RJ45F
Programming	Mini USB Type B

### Power:

External adapter - 90 – 240 VAC to 5VDC-2.0A

Single-head: Transmitter - 5V/500ma from USB port  
Receiver – 5V/ 500ma

Dual-head: Transmitter – 5V/500ma from 2 USB ports  
Receiver – 5V/1.0 A

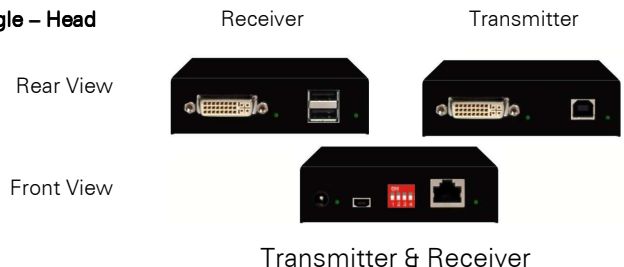
### Environmental:

Temp. 41°F to 113°F (5°C to 60°C)  
Humidity 80% max non-condensing

### Approvals:

CE

#### Single – Head



#### Dual – Head



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