

CrystalView DVI Mini



DVI Mini extender

Video resolutions up to 1920 x 1200 @ 60Hz

Extends single-link DVI-D video up to 165 feet (50 m) using STP CAT5e or STP CAT6 cable

Excellent video quality

Available in single or dual head models

USB – HID and USB 2.0 transparent support

Selectable DDC information

(internal pre-defined or from the remote monitor)

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 @ 60Hz (131ft / 40 m)
 - 1280 x 1024 @ 60Hz (165 ft /50 m)
- 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.
- USB 2.0 models support devices such as scanners, web cams, memory devices and much more.
- 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, USB-HID and USB 2.0 transparent.

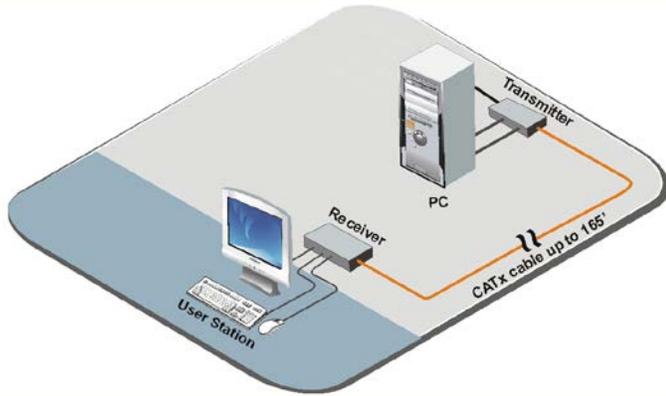
Simple adjustments can be made using the dip switches located on the transmitter and receiver. The dip switches on the receiver can be set, if needed, to specify the CATx cable length used between the transmitter and receiver. These settings should only be modified if the CATx cable length is very short or the image quality is 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 USB 2.0 models support all types of USB 2.0 devices.



Standard CATx cable

Typical Application



Route your DIV 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 four models, the single or dual head HID or USB 2.0.

Cables The cables needed are ;

- DVI MM video cable(s)
- USB Type A-B

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 – USB HID
CRK-M1DTXUD2D	Transmitter and receiver Dual head – USB HID
CRK-M1DTXTD1D	Transmitter and receiver Single head – USB 2.0
CRK-M1DTXTD2D	Transmitter and receiver Dual head – USB 2.0

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	0.8 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	1.4 lbs
Dual head (mm)	80/161	110/110	42/29	0.6 kg

xx/yy = transmitter/receiver values

Video:

Resolution: 1920 x 1200 @ 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

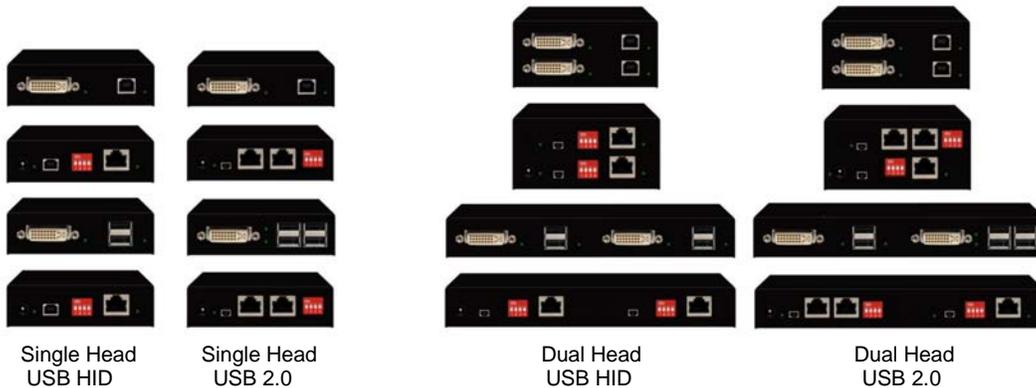
Dual-head: Transmitter – 5V/500ma from 2 USB ports
Receiver – 5V/1.0 A

Environmental:

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

Approvals:

CE



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