

CrystalView DVI Multi

DVI Video Extender / Splitter



DVI Extender/Splitter

Distribute a single-link DVI-D video source to one, two, four, or eight DVI monitors up to 220 feet away

Local DVI monitor connection

Resolutions up to 1920 x 1080

Supports PC, DVI-D and Mac

Features and Benefits

- Supports PC DVI-D and Mac computers
- Extends and splits a single-link DVI-D signal
 - Extends up to 220 feet
 - Splits the input signal into 1, 2, 4, or 8 outputs
- High resolution support up to 1920 x 1080 @ 60 Hz
- All models have a DVI Video output connector on the transmitter for local viewing
- Superior video quality over CAT5e or CAT6 shielded cable
- Flash upgradeable
- Automatically reads the DDC information from the locally attached monitor
- DDC table is stored in flash memory
- Compatible with all operating systems
- Perfect image quality at all resolutions
- Ideal for use in:
 - Call Centers
 - Airport terminals
 - Information stations / Kiosks
 - Digital signage in retail environments
- Broadcast, from a centralized computer, real time information to eight remote DVI monitors
- Rack mountable

The CrystalView™ DVI Multi Advantage.

The CrystalView DVI Multi from Rose Electronics is the perfect addition to your video distribution system. Whether you are enhancing an existing system or designing a new video distribution system, the CrystalView DVI Multi can easily integrate into your system and provide perfect DVI video quality to all connected displays. If you need to extend a single video to a remote monitor, the CrystalView DVI Multi single model works perfectly for the task. If you have multiple monitors that you need to display information to, the x2, x4, and x8 models can handle the job. With all models, you can view locally what is being distributed to the remote monitors.

The remote displays can be extended up to 220 feet away from the controlling computer. This is ideal for many applications where the controlling computer needs to be remotely located in a secure area away from the DVI displays, especially in a retail environment.

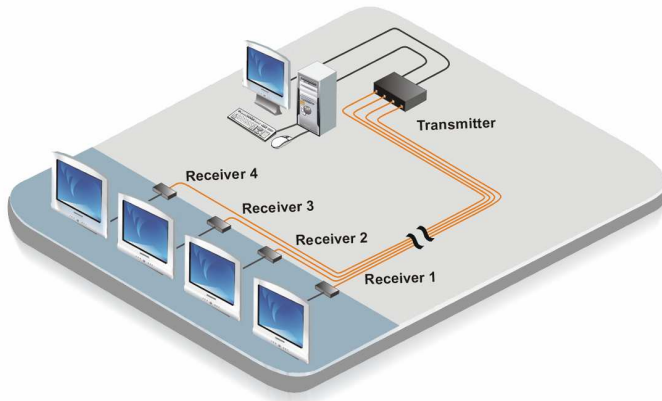
When the CrystalView DVI Multi units are powered up, the EDID information from the locally connected monitor is read and saved in flash memory. Once saved, the local DVI monitor does not have to be attached or turned on.

All models offer a local DVI connection for viewing on a locally connected DVI monitor.



Distribute your DVI video source to one or four locations up to 220 feet

Typical Application



CrystalView DVI Multi basics The CrystalView DVI Multi system consists of a transmitter that connects to a PC, server, or KVM switch and up to eight receivers that connect to a remote DVI monitor. The transmitter and receiver units are connected together with up to 220 feet of standard CAT6 shielded cable.

The ideal way to apply the CrystalView DVI Multi is to connect the transmitter to a Rose Electronics KVM switch. Using a KVM switch gives you the ability to switch to several different video sources using simple keyboard commands.

Models The CrystalView DVI Multi is available with 1 DVI in, 1 DVI out, 1 DVI in, 2 DVI out, 1 DVI in, 4 DVI out, or 1DVI in, 8 DVI out. All models allow for a DVI monitor to be connected to the transmitter unit, providing video viewing from the transmitter or the receiver units. All models can extend the DVI video up to 220 feet.

Installation Installing the CrystalView DVI Multi units is as easy as connecting the DVI video monitors to the receivers, connecting the computer to the transmitter, and connecting the transmitter to the receiver with CAT5e or CAT6 shielded cable.

Part Numbers (Kits)

| | |
|-----------|--|
| CRK-21DLC | DVI-D video extender (Extends to one DVI monitor) |
| CRK-22DLC | DVI-D video extender w/local monitor (Extends to two DVI monitors) |
| CRK-24DLC | DVI-D video extender w/local monitor (Extends to four DVI monitors) |
| CRK-28DLC | DVI-D video extender (Extends to eight DVI monitors) |
| CRV-SRDLC | Receiver unit for all models |

Specifications

Resolution – Up to 1920 x 1200 @ 60Hz

Input – DVI-D

Power – 90 – 240 VAC to 5VDC power adapter

| Dimensions | Width | Depth | Height | Weight |
|-------------|----------------|----------------|-----------------|------------------|
| Transmitter | 5.0" 12.7cm | 3.75" 9.5cm | 0.85" 2.16cm | 0.45lbs 0.2kg |
| Receiver | 2.75" 7.0cm | 3.4" 8.6cm | 0.85" 2.16cm | 0.21lbs 0.1kg |

| | | |
|-------------------|-------------|---|
| Connectors | Transmitter | 1 or 2 DVI-I Dual link 1-Power jack 1 or 4-RJ45 |
| | Receiver | 1-DVI-I 1-Power jack 1-RJ45 |

Indicators Power / Status LED

Environmental 0° - 45°C / 32°F - 113°F
5%-80% non-condensing RH



CRK-21DLC (x1)



CRK-22DLC (x2)



CRK-24DLC (x4)



CRK-28DLC (x8)



(Receiver unit for all transmitters)

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