Features and Benefits...

Supports:
- DVI and VGA video modes
- PS/2 and USB keyboards and mice
- Serial and Full stereo audio (optional)

Extend a KVM station from a CPU using fiber cable:
- (MultiMode) 62.5-micron cable up to 650 feet
- (MultiMode) 50-micron cable up to 1,300 feet
- (SingleMode) 9-micron cable up to 33,000 feet
- Video resolution up to 1600 x 1200 @ 60Hz (1920 x 1200/2.5Gig Option with LC Fibre)

- Flexible modular architecture
- Compatible with Rose Electronics KVM switches such as ServeView Pro, UltraView Pro, and UltraMatrix
- Compatible with Windows, Windows NT, OS/2, Unix, Linux, and other operating systems
- Uses a microprocessor to emulate the keyboard and mouse. The PC will boot correctly with only the Transmitter unit connected.
- Fully automatic KVM sharing
- Only two fibers needed
- Digital OSD setup menu
- Rackmount kits available in 19", 23", or 24" sizes

The CrystalView Pro fiber™ Advantage...

The CrystalView Pro fiber is the KVM extender of choice for businesses needing to extend and operate a computer, server, or KVM switch from a remote location. The CrystalView Pro fiber makes this possible by the use of standard fiber optic cable. You can fully operate and control a computer or server from as far away as 33,000 feet using SingleMode (9-micron) fiber cable.

The CrystalView Pro fiber supports both DVI and analog VGA video (via DVI/VGA adapters). All combinations of DVI and VGA video cards and monitors are supported.

The OSD features are accessed from the remote unit. These features make it easy to adjust all the necessary device parameters, color, brightness, contrast, and saturation. Using fiber cable, you can extend the distance between the transmitter and receiver further than with conventional CAT5 cable. In addition, fiber cable is unaffected by electromagnetic interference, keeping your data safe from interference from lightning and over voltage transients.

The modular architecture makes the CrystalView Pro fiber easily adapted to your system. PS/2 and USB peripherals are supported. CAT5, Multi-Mode and SingleMode fiber cabling, serial for Touchscreen and stereo audio are also supported as options.
**Typical Application:**

Accessing a computer from two locations, Local KVM and Remote, up to 33,000 feet away

**CrystalView Pro fiber basics:** The CrystalView Pro fiber consists of a transmitter connected 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 33,000 feet (10km) of standard Singlemode 9-micron optical fiber cable. The ideal way to apply the CrystalView Pro fiber is to connect the transmitter to a Rose Electronics KVM switch. Expanding the switch allows the receiver to access all connected computers or servers. The Rose KVM switch can be connected between the transmitter and computers, the KVM station and the receiver unit, or both.

**Installation:** Installing the CrystalView Pro fiber unit 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.

**Models:** The CrystalView Pro fiber is available in different models with PC and USB support. The PC model is available as a dual-user version allowing for a second KVM station next to the PC, providing operation from the transmitter or the receiver unit. The computer video is displayed on the local monitor (no conversions) and the remote monitor (DVI to VGA or VGA to DVI conversion options). A rack version containing 10 transmitters or receivers is also available. The single fiber models are application specific models supporting unidirectional video and audio only (no keyboard/mouse).

**Keyboard and mouse emulation:** The CrystalView Pro fiber uses a microprocessor to emulate the keyboard and mouse allowing the user to boot the attached CPU with only the transmitter device connected.

**Rack Assembly:** The CrystalView Pro fiber can be ordered in a 10-unit rack assembly. (PS2 model only)

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### Part Numbers:

- CRK-2DFPDVI/PS/2 Dual Local KVM Multi Mode
- CRK-2DFSFPDVI/PS/2 Dual Local KVM Single Mode
- CRK-1DFMUDVIP UBI USB Multi Mode
- CRK-1DFSUDVIP UBI USB Single Mode
- CRK-1DFMPDVI/SF/PS/2 Dual Local KVM Single Fiber Multi Mode
- CRV-DLDFMPDVI/PS/2 Dual Local KVM Multi Mode
- CRV-DLDFSFPDVI/PS/2 Dual Local KVM Single Mode
- CRV-SLDFMUDVIP UBI USB Local KVM Multi Mode
- CRV-SLDFSUDVIP UBI USB Local KVM Single Mode
- CRV-SRDFMPDVI/PS/2 Remote KVM Multi Mode
- CRV-SRDFSFPDVI/PS/2 Remote KVM Single Mode
- CRV-SRDFMUDVIP UBI USB Remote KVM Multi Mode
- CRV-SRDFSUDVIP UBI USB Remote KVM Single Mode
- CRV-SRDFMPDVI/SF/PS/2 Remote KVM Single Fiber Multi Mode
- CRV-DLDFMPDVI/SF/PS/2 Dual Local KVM Single Fiber Multi Mode
- CRV-SLDFMPDVI/SF/PS/2 Local KVM Single Fiber Multi Mode

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### Specifications:

**Dimensions:**

<table>
<thead>
<tr>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.8 in.</td>
<td>6.3 cm</td>
<td>1.75 in.</td>
<td>3.3 lbs</td>
</tr>
<tr>
<td>224 mm</td>
<td>160 mm</td>
<td>445 mm</td>
<td>1.5 kg</td>
</tr>
</tbody>
</table>

**Operating Temp:**

10°C - 45°C / 50°F - 113°F Humidity 80% max, non-condensing

**Resolution:**

Up to 1600 x 1200 @ 60Hz

**Connectors:**

- Video - DVI
- Fiber - Type SC - on standard units
- PS2 - Keyboard/Mouse – MiniDin6 (2)
- USB - Keyboard/Mouse – Type A/B
- Power - 4-Pin square on each unit
- Program Port - RJ22
- Serial - DB9F (TX), DB9M (RX)
- Audio - 3.5mm stereo jack (2)

**Wavelength/Power:**

(Multimode) - 850nm / 70-400µw
(Singlemode) - 1300nm / 180-2000µw

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