

CrystalView Mini



CAT5 KVM extender

Extends your KVM station up to 150 feet away from your computer

Uses simple CAT-5 twisted pair cable

Up to 1024 x 768 resolution

Dual version allows another KVM near computer

Supports PC

Features and Benefits

- Economical and compact
- Extend keyboard, video (monitor), and mouse (KVM) from 150 feet away with a single CAT-5 cable
- CrystalView Mini single and dual versions available
 - Single - One KVM to one CPU
 - Dual - Two KVMs to one CPU; local/remote
- Dual version features:
 - Automatic KVM sharing on first-come first-serve
 - Displays video to both KVMs simultaneously
 - Disable remote video command
- Compatible with Rose switches such as ServeView, UltraView, and UltraMatrix
- Compatible with Windows, NT, OS/2, UNIX, Linux, Solaris and other operating systems
- Video 1024 x 768 at 150 feet
- One-year limited warranty

The CrystalView™ Advantage...

The CrystalView family of extender products now includes CrystalView Mini, a compact extender that allows you to position your KVM station from 150 feet away from your computer using simple CAT-5 cable. This economical CrystalView Mini is a perfect extender solution for shorter distances up to 150 feet

Access to computers is made more convenient in a variety of situations: You can remotely access computers from your office desk. You can move computers away from public view, or hazardous industrial environments. Computers vulnerable to theft of hardware and data can be moved to a safe location. The CrystalView Mini is great for placing computers in a back office and locating a KVM workstation at an office counter. You can reduce noise and heat; and increase desk and floor space. You can place computers together in one secure location allowing convenient maintenance.

The CrystalView Mini extender is available in single and dual and offers distance capability up to 150 feet. The dual version allows an additional KVM station to be placed next to the computer, providing operation from either the remote or local location. For greater distances ask about CrystalView Fiber and other CAT-5 solutions.

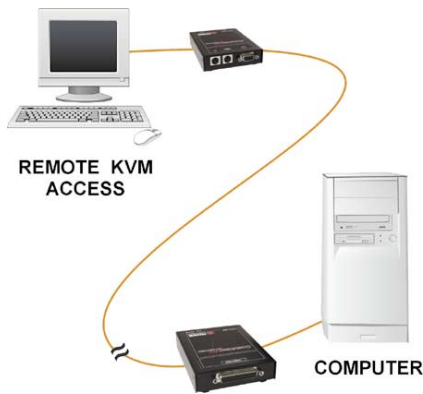


CrystalView Mini is small enough to fit in the palm of your hand

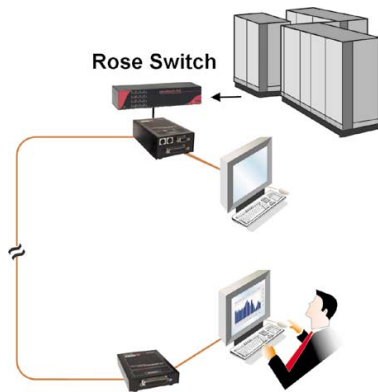


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Typical Applications



Accessing a computer from 150 feet away



Accessing servers through a Rose switch from two locations, one is local, the other is 150 feet away

CrystalView Family of Products The CrystalView Mini™ is the newest addition to the Rose family of extender products. The CrystalView family includes: CrystalView a 1,000 foot extender, which comes in PC, Sun, or PC with Serial & Audio models and are available in both single and dual versions. (The CrystalView PC with Serial & Audio model allows you to transmit audio from the CPU's sound card to speaker or headphones connected to the Remote Unit, and supports asynchronous serial devices such as touch screens, graphic tablets, smart boards, serial printers and industrial controls.) CrystalView Fiber with single and duplex fiber provides for distances of 650 feet, 1,300 feet and 32,700 feet (6 ¼ miles) is available in PC model (as single and dual), the CrystalView Fiber SUN and CrystalView Fiber USB models are single versions. Another USB extender product, the CrystalView USB, supports USB devices up to 150 feet away.

CrystalView Mini Like its big brothers, the CrystalView Mini is available in both single and dual versions. Both versions allow you to extend one KVM station up to 150 feet away from our CPU or switch. The single version allows you to extend one KVM workstation (keyboard, video and mouse) from under 75 feet to 150 feet away from your CPU or KVM switch. The dual version allows an additional KVM station to be placed next to the computer or KVM switch, providing operation from either the remote or local location.

CrystalView Basics CrystalView consists of a Local Unit that attaches to your CPU, a Remote Unit that connects to your keyboard, video (monitor) and mouse, and a power supply. The Local and

Remote Units connect with industry standard CAT-5 shielded or unshielded twisted-pair cable using RJ45 connectors. This cable may be ordered from Rose Electronics in any length. The Local Unit transfers signals from your CPU or KVM switch to the Remote Unit and to the KVM. Cables from each of these devices attach directly into connectors on the Local Unit. Contact Rose Electronics regarding your cabling needs.

The CrystalView Mini does not require video equalization and compensation.

Extending a Rose Switch In addition to extending the KVM station from a computer, you can also use the CrystalView Mini with Rose switches. You can connect the CrystalView Mini in one of three ways: between the computer and the switch, between the switch and the KVM, and between two switches. All of these applications are designed for trouble free usage.

Dual Model Features The CrystalView Mini dual model allows you to connect an additional keyboard, video (monitor), and mouse to your system through the Local Unit. The CPU may now be operated from either of two locations although not simultaneously.

Keyboard and Mouse Emulation CrystalView uses a micro-processor to emulate the keyboard and mouse. This means that a keyboard and or mouse do not have to be connected to the Remote Unit for your CPU to boot. In fact the CPU will boot with only the Local Unit connected. This feature ensures that your CPU will always operate regardless of whether the Remote Unit is actually connected or powered. The remote keyboard and mouse may be plugged in and out at any time. In addition, the Remote Unit may be left permanently powered up when installed in its final location.

Distance It is possible to run the CrystalView Mini up to 150 feet at a resolution of 1024 x 768. If you wish greater distances, contact Rose regarding other CrystalView extender products.

Part Numbers

CRK-M1P	1 KVM to 1 CPU up to 150 feet. Kit includes single local unit, remote unit, gender changer, and power transformer for remote unit
CRK-M2P	2 KVMs to 1 CPU up to 150 feet. Kit includes dual local unit, remote unit, gender changer, and power transformer for remote unit

Specifications

Dimensions	Single: 3.25 W x 4.50" D x 1.0" H
	8.25 W x 11.43 D x 2.54 H cm
Dual:	3.25 W x 4.50" D x 1.75" H
	8.25 W x 11.43 D x 4.45 H cm
Weight	Single: .55 lbs (0.25 kg)
	Dual: .70 lbs (.32 kg)
	Kit: 1.25 lbs (0.56 kg)
Video bandwidth	Local: 150 MHz; Remote: 300 MHz
Resolution	To 150 feet: 1024x768
Video compatibility	SVGA, VGA, XGA, RGB
Video levels	0.7V P-P
Video compensation	3-state continuously variable
Video coupling	DC
Video sync type	Separate/composite TTL level sync polarity is preserved
Connectors	Keyboard/video/mouse to PC: DB25
Keyboard support	PS/2
Mouse support	Standard PS/2 two button, Microsoft Intellimouse, Logitech 3-button PS/2
Interconnect cable	CAT-5 UTP/STP EIA/TIA 568 Wiring RJ45 Connectors
Local Unit power	From PC
Remote Unit power	9V unregulated, 1000 ma
Chassis	Electro galvanized steel, painted
Environmental	0°- 55° C, 5%-90% non-condensing rel. humidity



CrystalView Mini connectivity is virtually plug & play

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