ViewLink CATx

ADVANCED KVM EXTENDER

Extend keyboard, video, and mouse up to 1,000' over CATx

Advanced automatic compensation and equalization

Automated video skew adjustments (Option)

Models available for PS/2, USB, or both

Up to 1920 x 1440 video resolution @ 300'[

Features and Benefits

- Cable length compensation adjustments are automatically performed
- Video equalization and gain can be fine tuned with simple keyboard commands
- Optional automatic skew adjustments produce a crystal clear display no matter what cable type is used (recommended for cable lengths over 300')
- Supports:
  - SVGA, VGA, XGA, RGB video modes
  - PS/2 or USB keyboards and mice
  - Automatic Skew Adjustment (optional)
- Extend two KVM station up to 1,000 feet away from a CPU using CATx solid core cable (CAT5, 5e, 6, or 7) (Skew model is recommended for distances over 300')
- Video resolution up to 1920 x 1440 @ 60Hz
- Compatible with Rose Electronics KVM switches
- Operating system independent
- Supports 35 different country specific operating systems and keyboards
- Uses a microprocessor to emulate the keyboard and mouse. The keyboard and mouse on the remote unit do not have to be connected for the PC to boot; only the local unit must be connected to the PC
- Made in USA

The ViewLink™ Advantage . . .

The ViewLink Micro-Mini CATx KVM extender is the extender of choice for businesses big and small that must control a computer from an extended distance.

The ViewLink Micro-Mini CATx allows you to position a computer up to 1,000 feet away from the KVM station using common twisted pair CATx cable. Use any length of data cable up to 1,000 feet, ViewLink Micro-Mini CATx KVM extender will automatically calculate the cable length, set the gain and equalization, and adjust the video skew (option) to provide a crystal clear image. No jumpers to set or knobs to adjust.

Remote access to your computers is made convenient in a variety of situations. You can locate users away from hazardous industrial environments; locate computers away from areas vulnerable to theft of hardware and data, reduce noise and heat, and increase desk and floor space.

The ViewLink Micro-Mini CATx extender is available in the following models:

- PS/2 single access
- USB single access
- PS/2 and USB to PS/2 single access
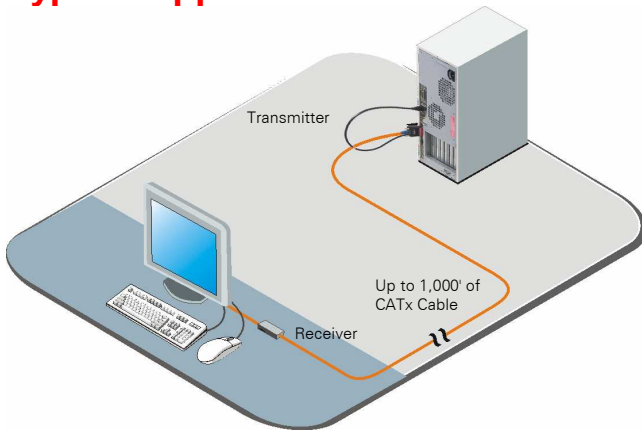- PS/2 and USB to USB single access
- Video only

  Options:
  Automatic video skew adjustments

Connect the transmitter directly to a PCs
Video, keyboard, and mouse ports

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Typical Application

Transmitter

Up to 1,000' of CATx Cable

Receiver

Remote and local access using Dual model

ViewLink Micro-Mini CATx KVM extender basics The ViewLink Micro-Mini CATx system consists of a transmitter unit that connects to the video, keyboard, and mouse ports on a PC, server, or to a KVM switch. The receiver unit connects to a keyboard, monitor, and mouse. The transmitter and receiver units are connected together with up to 1,000 feet of standard CATx cable.

When you initialize the extender, it automatically senses the cable distance between the receiver and transmitter units, automatically adjusts the gain, and sets up everything for you. There are keyboard commands that allow you to fine tune the video, but they are rarely needed.

The auto-skew models will automatically adjust the RGB video components to product a crystal clear display through patch panels and different cable types.

 The ideal environment for the extender is to connect the transmitter unit to a Rose Electronics KVM switch. Expanding the switch allows access to 1,000 computers or servers.

Installation   Installation is as easy as connecting a KVM station to the receiver, a transmitter unit to the computer, and connecting the receiver and transmitter units together with CATx solid core cable. For proper operation, all equipment should be tied to a common earth ground.

Models   The ViewLink Micro-Mini KVM extender is available in a PS/2, USB, PS/2 & USB to PS/2, PS/2 & USB to USB, and a Video only model.

Keyboard and mouse emulation   The ViewLink Micro-Mini KVM extender uses a microprocessor to emulate the keyboard and mouse. This means that the keyboard and mouse on the receiver unit does not have to be connected for the PC to boot. Only the transmitter unit must be connected to the PC.

Part Numbers	Description (Single access models)
VLK-TMVPRAVP	PS/2, VGA KVM Extender
VLK-TMVURAVU	USB, VGA KVM Extender
VLK-TMVBRAVP	PS/2 & USB to PS/2 VGA KVM Extender
VLK-TMVBRAVU	PS/2 & USB to USB VGA KVM Extender
VLK-TMV0RAV0-U	Video only- power from CPU's USB port
VLK-TMV0RAV0-P	Video only-power from CPU's PS/2 port
VLK-TMV0RAV0/B1.3	Video only-power from external power adapter
TRF-05D250FSUP-1.3	100-240 50/60Hz VAC to +5V power adapter
ACC-MD6M2MD6F	PS/2 "Y" cable for PS/2 receiver unit

-W suffix = Automatic Skew Adjustment Option

Specifications

Dimensions	Width	Depth	Height
Transmitter (in / cm)	1.3 / 33	1.65 / 42	0.63 / 1.6
Receiver (in / cm)	2.68 /6.8	2.625 / 6.67	1.0 / 2.54

Video:

Resolution	Up to 1920 x 1440 @ 60Hz @ 300' 1024 x 768 @ 60Hz @ 1,000'
Compatibility	SVGA, VGA, XGA, RGB
Levels	0.7V p-p
Sync type	Separate/composite TTL level
Support:	Keyboards – PC/AT, PS/2, Video – VGA, SVGA, XGA, RGB Mouse – PS/2 two button Microsoft Compatible Logitech Compatible

Connectors:

PC model	Video – HD15M (Transmitter) HD15F (Receiver) Keyboard/Mouse – PS/2
USB model	Video – HD15M (Transmitter) HD15F (Receiver) Keyboard/Mouse – USB type A
Video only	Video – HD15
Interconnect	RJ45 - CATx UTP/STP, EIA/TIA 568 (CAT5, 5e, 6, or 7)
Power:	Local – From PC Remote – External power adapter 100-240 50/60 Hz to +5V 1,0 A
Environmental:	Temp. 0°C – 45°C Humidity 0% – 80% non-condensing

Transmitters

PS/2   USB

Video only   Video only   Video only
PS/2 power   USB power   Adapter
                                  Power

Receivers

PS/2   USB   Video only

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