dataCat vp

Extends your VGA and PS/2 peripherals up to 300m over one Cat 5/6 cable

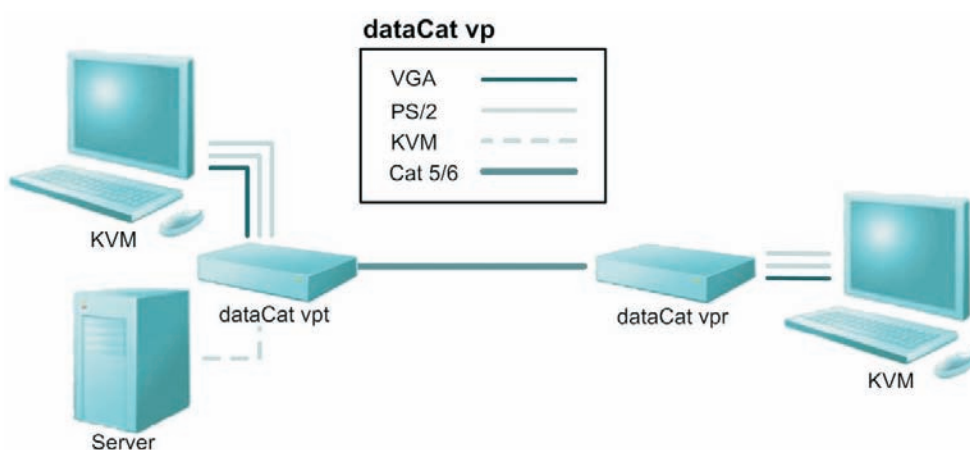CIM interconn
interactive connection

dataCat vp KVM extender

The dataCat vp125/300 series of KVM extenders allow the keyboard, monitor and mouse to be placed up to 300 meters from the computer. The system consists of a transmitter and a receiver unit connected by a Cat 5/6 cable. A high quality VGA image is assured by the powerful equalization circuits. Moreover, cable skew is included in the vp300 unit and available as an option with the vp125.

CIM interconn's proprietary VGA transmission technology is unsurpassed in image quality on the world market. The vp125 and the vp300 are the fifth generation of interconn's extender products. These products have demonstrated mission critical reliability in 24/7 applications in banks, dealer rooms, call centres, hospitals, police stations, and numerous other business, military and industrial contexts throughout Europe since 1999.

Configuration

Related products

dataCat vu	KVM extender with USB connection and VGA over Cat 5/6 cabling
dataCat u	USB extender over Cat 5/6 or fiber-optical cabling
avCat	VGA and audio distribution over Cat 5/6

dataCat vp

Extends your VGA and PS/2 peripherals up to 300m over one Cat 5/6 cable

How it Works

The dataCat vp KVM extenders enable you to move your keyboard, monitor and mouse up to 300 meters away from your PC (125 m for the vp125). The product set consists of two units: the transmitter and the receiver that are connected by a single Cat 5/6 cable up to 300 meters in length (125 m for the vp125).

Any VGA compatible monitor (CRT and LCD are both supported) and any PS/2 keyboard and mouse can be connected to the receiver unit. The transmitter unit is connected to the appropriate VGA (HD-15) and PS/2 connectors on the computer.

The vp300 has a built-in skew compensation unit which can fully correct for skew delay (from unequal twisting of the pairs in the cabling). An optional external skew compensation unit is available for the vp125 if necessary.

Features

- vp125 & vp300 extend video and keyboard/mouse up to 125 or 300 meters away from the computer, respectively.
- Excellent video quality:
  - the vp125 supports resolutions up to 2048x1536 at 50 meters, and 1280x1024 at 125 meters.
  - the vp300 supports resolutions up to 2048x1536 at 100 meters, 1920x1280 at 200 meters, and 1600x1200 at 300 meters.
- Transmission over Cat 5, 5e, or Cat 6, EIA/TIA 568 Pinout.
- Unsurpassed video quality with high powered manual equalisation circuits.
- Compatible with all standard VGA signals (RGBHV).
- Compatible with Windows 98 (and later), Linux and Mac OS 9.2 (and later).
- Compatible with most KVM switches.
- Power supply and system cables are included.
- No software installation required.

Technical Specifications

Maximum Resolution:	up to 2048x1536 @ 85 Hz
Maximum Distance:	125/300 meters (for vp125/vp300, respectively)
Video Compatibility:	VGA, SVGA, XGA, SXGA+, UXGA
Video Bandwidth:	Transmitter: 400 MHz Receiver: 125 MHz / 250 MHz (for vp125/vp300, respectively)
Link Cable:	Cat 5/5e/6 UTP/FTP Cable, EIA/TIA 568
Storage Temperature:	-20 to 70°C (-4 to 158°F)
Operating Temperature:	5-50°C (41 to 122°F)
Connectors Receiver:	Out: 1x HD15 (VGA), 2x PS/2 (keyboard & mouse) In: 1x RJ45 (link)
Connectors Transmitter:	Out: 1x RJ45 (link), 1x HD15 (VGA), 2x PS/2 (keyboard & mouse) In: 1x DB15 (KVM)
Power Supply:	transmitter: 5 V DC 1.0 A (Optional) vp125 receiver: 5 V DC 1.0 A vp300 receiver: 12 V DC 1.5 A