Fanless, small form factor,
DVI-D, USB, Audio and Serial

ADDERLink INFINITY
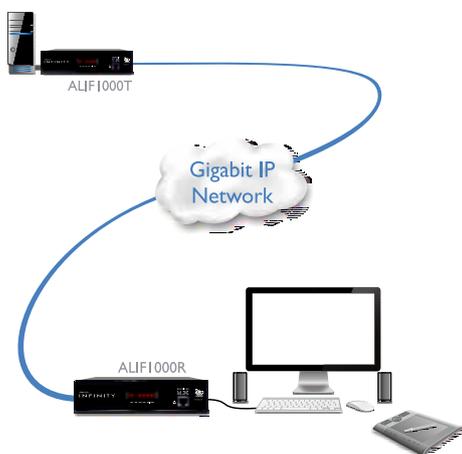Single link Digital Video and USB2.0 over a single cable

PRODUCT IN BRIEF

AdderLink INFINITY is a high performance KVM (Keyboard, Video, Mouse) extender that enables you to locate your critical computing hardware in a secure and temperature controlled environment away from the user work station, whilst maintaining the same desktop experience.

Features:
• Plug and play
• 100 Meter extension distance
• Standard single CATx cable
• 1920x1200 @60Hz maximum resolution
• USB mass storage supported plus:
• Keyboard, mouse tablet and Touch

ALIF1000T

Gigabit IP Network

ALIF1000R

FEATURES

Perfect Digital Video, Real time control
Using a spatially-lossless encoding system, with 1:1 pixel mapping, AdderLink Infinity provides pixel perfect and colour accurate video with no artefacts. The digital video you receive is the same as the digital video leaving the remote computer

Single CATx cable and immunity from Interference
Many digital video and USB extenders suffer from electrical interference which cause video blanking and USB drops. Where these extenders require heavily shielded CAT6 or CAT7 cabling, AdderLink Infinity can be used with CAT5e, CAT6 or CAT7 cable and can even go through patch panels without limiting extension distances or video resolutions

Unlimited extension distances
Extension distance is not limited to a single 100 meter cable length - If you need to extend further, simply add a 1Gbe network switch to achieve an additional 100 metres. This can be repeated many times but it is advised that you use a private network or separate VLAN.

USB 2.0 with Class control
Enables connection of any USB human interface device from mice and keyboards through to graphics tablets, jog shuttles, joysticks and 3D explorers and Mass Storage devices. For applications where security is of high importance, the system has the ability to disable the use of non HID devices, meaning there is no need to physically block USB ports to prevent the use of Mass storage devices

EDID management
Intelligent EDID management allows the true characteristics of the monitor to be passed back to the computer. Alternatively, the user can choose to force the resolution by selecting from a predefined list.

Plug and Play
AdderLink Infinity extender devices are delivered in a zero config state so you can plug them in and start working on them straight away. There is no need for drivers or software to be installed.

AdderLink Infinity Matrix
By the addition of AdderLink Infinity management system (A.I.M.) you can turn multiple point to point extenders into a truly scalable digital KVM matrix system that allows any workstation to connect to any computer connected to the network. See the Adderlink Infinity Matrix data sheet for details.

ADDERLink INFINITY
Single link Digital Video and USB2.0 over a single cable

ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:
http://www.adder.com

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERLink INFINITY
Manager
ALIF-AIM, ALIF-AIM-8,
ALIF-AIM-16

ADDERLink INFINITY
dual
ALIF2002P, ALIF2000R,
ALIF2002T

ADDERLink INFINITY
Dual VNC
ALIF2112T

TECHNICAL SPECIFICATIONS

Hardware compatibility
All computers with DVI-D, USB, Audio, RS232 - requirement dependent

DVI-D- Digital Visual Interface – Digital only
The system supports single link DVI-D resolutions to a maximum of 1920x1200@ 60Hz.

USB 2.0 with Class control
Supports USB2.0 devices (Low, full and high speed). The system has a security feature which allows the blocking of non HID devices. Isochronous devices are not supported (i.e. USB audio or video devices)

Digital Stereo Audio
The system delivers analogue stereo audio (Line in, Line Out) digitally across the network point to point and line out and can be multicast to many desks.

RS232
RS232 can be passed between the units to a maximum baud rate 115K2. RS232 is a point to point connection technology and cannot be multicast

Software compatibility
All known operating systems

Computer connections Transmitter (Tx)
DVI-D x 1, Audio 3.5mm in, Audio 3.5mm out, USB type B, RS232 9 pin D-Type

Peripheral connections Receiver (Rx)
Video: DVI-D, Audio 3.5mm in, Audio 3.5mm out, USB type A x 4, RS232 9 pin D-Type

ORDERING INFORMATION

ALIF1000P-XX: Pair including Tx and Rx units
ALIF1000T-XX: Transmitter unit only
ALIF1000R-XX: Receiver unit only

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
AUS	= Australia

ADDITIONAL ACCESSORIES

RMK4V: VESA mounting bracket (screws included), can also be used to secure to walls and other surfaces

Two 19" rack mount brackets (screws included):
RMK4S: one unit per 1U rack slot
RMK4D: two units per 1U rack slot

VSCD1: Single link DVI-D to DVI-D video cable
VSC24: USB cable 2m (type A to B)

Physical design
1U compact case, robust metal construction. 198mm/7.92" (w), 44mm/1.76" (h), 120mm/4.8" (d), 0.75kg/1.65lbs.

Power
2.5mm DC jack (power adapter included), 100-240VAC 50/60Hz, 0.4A, input to power adapter, 5VDC 12.5W output from power adapter

Operating temperature
0 to 40°C / 32 to 104°F

Approvals
CE, FCC

ADDER®