Zero U form factor, IP-based, KVM extender/matrix for video, audio and USB
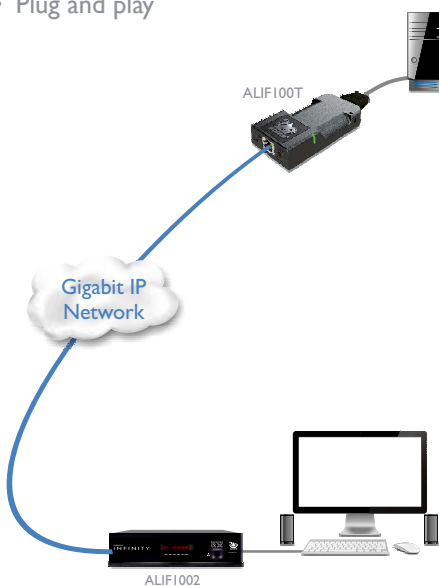
ADDERLink INFINITY 100T

Zero U, high performance, IP-based KVM for extension/matrix of video, audio and USB over a single cable

PRODUCT IN BRIEF

ADDERLink INFINITY 100T (ALIF100T) is a zero-U, high performance, IP-based KVM (Keyboard, Video, Mouse) extender and/or matrix that enables the us e of standard IT infrastructure to extend computers away from the user environment.

- Zero-U form
- IP-based: use your existing network
- USB powered
- Low power consumption
- Supports multiple video resolutions
- Easy retrofit into existing infrastructure
- Plug and play

ALIF100T

Gigabit IP Network

ALIF1002

FEATURES

Zero-U size
The ALIF100T takes zero-U of rack space in the server room allowing for ultimate flexibility and ease of installation.

IP-based
Use your existing networking infrastructure to extend or matrix your computing resources to your users.

USB powered
The device can be powered from USB. This means there is no need to provision for an external PSU. Options for powering from an external PSU or redundant PSU are also available.

Low power consumption
Requiring less than 3 Watts, the unit can be powered from USB. This means it could use less than a quarter of the energy when compared to other solutions.

Multiple video options
The system supports resolutions to a maximum of 1920x1200@60Hz through either DVI, DisplayPort or VGA* interfaces (* requires DVA accessory).

USB 2.0
Enables you to connect any USB human interface device from mice and keyboards through to graphics tablets, jog shuttles, joysticks and 3D explorers.

Seamless integration with the AdderLink Infinity range
The ALIF100T can integrate seamlessly into your existing ADDERLink Infinity setup, replacing or working in conjunction with your existing ALIF endpoints.

Perfect digital video
The ALIF100T uses an encoding system that is spatially-lossless, with 1:1 pixel mapping, so the digital video you receive is the same as the digital video leaving the remote computer ensuring the very best picture available and colour accuracy.

USB audio
The system delivers USB stereo audio (Line In, Line Out) digitally across the network.

EDID management
The system has intelligent EDID management to either allow the true characteristics of the monitor to be passed back to the computer, or controlled resolutions to be imposed.

Digital KVM matrix
By the addition of ADDERLink Infinity Management system (A.I.M.) you can turn multiple point to point extenders into a matrix system that allows any workstation to connect to any computer connected to the network. See the A.I.M. data sheet for details.

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of high performance 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 find useful are:

ADDERLink INFINITY
ALIF1002P; ALIF1002T;
ALIF1002; ALIF1002AT
(VGA)

ADDERLink INFINITY
Manager (A.I.M.)
AIM-24; AIMLIC-48;
AIMLIC-96; AIMLIC-192;
AIMLIC-288; AIMLIC-
UNL

Command and Control
Switch
ADDER CCS-PRO4;
ADDER CCS-PRO8

ADDER RED PSU
PSU-RED2-8; PSU-
RED2-16; PSU-RED1-8;
PSU-RED1-16

TECHNICAL SPECIFICATIONS

Operating/storage conditions
Operating temperature: 0 to 50°C
Storage temperature: -10 to 60°C
Storage and operating relative humidity:
10-90% non-condensing
Altitude: < 3000m
MTBF: >500,000 hours

Power
USB power: 2 x USB2.0 (2x 500mA @5V) 5W
External power: 5VDC, 1A
Typical power consumption: 3W
BTU: 10.2BTU/hr

Physical
Dimensions: (L)110mm /4.3" x
(W)55mm/2.17" x (D)25mm/1" with
30cm cable length
Weight: 0.2kg /0.4 lb
Materials: ABS and aluminium construction

Connectors
Computer: DVI-D or DisplayPort, USB
type A x 2
Ethernet: 1 x 8p8c (RJ45)
Power: 2.5mm socket

Specification
USB: USB2.0 full and low speed (No HS support)
USB features: Keyboard, mouse and touch
USB device seen as: 7 or 13 port hub
Max video resolution: Up to
1920x1200@60Hz
Audio: Line in/out USB audio 2 channel
16bit 48KHz
DisplayPort Audio: None
Ethernet: 1GbE (No 10/100 support)

ORDERING INFORMATION

ALIF100T-DVI: INFINITY transmitter with DVI video
ALIF100T-DP: INFINITY transmitter with DisplayPort video

ADDITIONAL ACCESSORIES

PSU-5v-2.5A: IEC power supply
PSU-RED-RPS: 12v to 5v converter
DVA: VGA to DVI converter
PSU-POE-5V: POE powered 5v injector

WHAT'S IN THE BOX

ALIF100T
Adder Fixing kit
Quick start guide

Packing Box
Dimensions: (L) 292mm /11.5 inch (W)
245mm/9.6inch (D) 55mm/2.1inch
Weight: 0.5kg / 1.1lb

Approvals / Compliance
CE and FCC: See the compliance web page for the full list

Cable types recommendations
Cat5e and above

Cable length rules
Ethernet specifications rules apply
100 meters maximum run

ADDER ®