



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

## ADDERLink INFINITY 100T

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



### PRODUCT IN BRIEF

ADDERLink INFINITY 100T (ALIF100T) is a Zero U, IP-based high performance KVM (Keyboard, Video, Mouse) extender and/or matrix that enables the use 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

### 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, display port and VGA interfaces.

#### 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

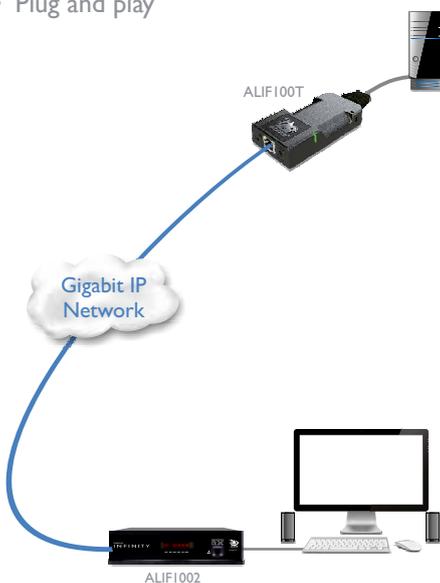
The system delivers USB stereo audio (Line In, Line Out) digitally across the network.

#### 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.



# ADDERLink INFINITY 100T

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

## 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>

## 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, (LPS)  
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, display port, or VGA, 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  
Display port Audio: None  
Ethernet: 1GbE (No 10/100 support)  
Display port version requires source to be DisplayPort Dual-Mode (DP++) compliant.

## ORDERING INFORMATION

ALIF100T-DVI: INFINITY transmitter with DVI video  
ALIF100T-DP: INFINITY transmitter with Display port video  
ALIF100T-VGA: INFINITY transmitter with VGA video

## ADDITIONAL ACCESSORIES

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

## WHAT'S IN THE BOX

ALIF100T  
Quick start guide

## 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



© Copyright 2017 Adder Technology Ltd. All brand names and trademarks are the property of their respective owners. SC-ALIF100T\_v1\_16\_FINAL.indd