



# ADDERLink<sup>®</sup> INFINITY 100T

IP KVM Matrix | VGA

**High Performance ZeroU™ IP KVM dongle for extension or matrix of video, audio and USB over a single cable**



## Features

### ZeroU™ size

The ADDERLink INFINITY 100T (ALIF100T) takes ZeroU™ 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

Requires less than 3 watts.

### Video options

The system supports resolutions up to 1920x1200 @60Hz through a VGA interface

### USB1.1

Enables you to connect any USB human interface device from mouse 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. (Refer to manual on AIM firmware requirements for a matrix installation)

### 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 color accuracy.

### USB audio

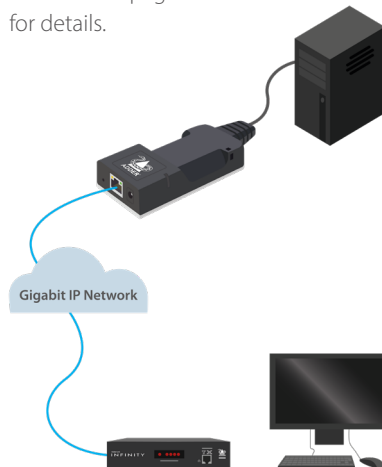
The system delivers USB stereo audio (Line In, Line Out) digitally across the network.

### 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

Using the ADDERLink INFINITY Manager (AIM) 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 AIM page on the Adder website for details.



## Product In Brief

ADDERLink INFINITY 100T (ALIF100T) is a high performance ZeroU™ IP KVM (Keyboard, Video, Mouse) extender with matrix capability that enables the use of standard IT infrastructure to extend computers away from the user environment.

- ZeroU™ form factor
- Utilizes existing IP infrastructure
- USB powered
- Low power consumption
- Easy to retrofit into existing infrastructure
- Plug and play

## Technical Specifications

### Video resolutions

- The system supports resolutions up to 1920x1200 @60Hz

### Operating/storage conditions

- Operating temperature: 0 to 50°C/32 to 122°F
- Storage temperature: -10 to 60°C/14 to 140°F
- Storage and operating relative humidity: 10-90% non-condensing
- Altitude: <2000m
- MTBF: >500,000 hours

### Power

- USB power: 2 x USB1.1 (2 x 500mA@5v) 5W
- External power: 5VDC, 1A, (LPS)
- Typical power consumption: 3 watts
- BTU: 10.2BTU/hr



ADDERLink INFINITY 100T - VGA

### Physical

- Dimensions: (L)110mm/4.3" x (W)55mm/2.17" x (D)25mm/1" with 30cm/12" cable length
- Weight: 0.2kg/0.4lb
- Materials: ABS and aluminum construction

### Connectors

- Computer: 1x VGA, 2x USB Type-A
- Ethernet: 1x 8p8c (RJ45)
- Power: 2.5mm socket

### Specification

- USB: USB1.1 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
- Ethernet: 1GbE (No 10/100 support)

### Packing Box

- Dimensions: (L)292mm/11.5" x (W)245mm/9.6" x (D)55mm/2.1"
- Weight: 0.5kg/1.1lb

### Cable types recommendations

- Cat5e and above

### Cable length rules

- Ethernet specifications rules apply 100m/300ft maximum run

### Approvals / Compliance

- CE and FCC
- UKCA & ICES and cULus

## Ordering Information

**ALIF100T-VGA:** ADDERLink INFINITY TX with VGA connector

### What's in the Box?

- 1x ALIF100T unit
- 1x Quick start guide

### Accessories (Sold separately)

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

## 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 China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

To find out more, visit: [adder.com](http://adder.com)

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THE IP KVM PEOPLE

 DATA SHEET