



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

ADDERLink® INFINITY 101T (ALIF101T) is a high performance ZeroU IP KVM extender with matrix capability that enables the use of standard IT infrastructure to extend computers away from the user environment.

ADDERLink® INFINITY 101T DVI

ZeroU™ Form Factor

The ADDERLink INFINITY 101T (ALIF101T) takes ZeroU of rack space in the server room allowing for ultimate flexibility and ease of installation.

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.

Support for Dithered Video

Allows analog or noisy video to pass through the system, along with computers, that dither the video to enhance the perceptive image quality. Some Mac computers use this technique.

Perfect Digital Video, Real-Time Control

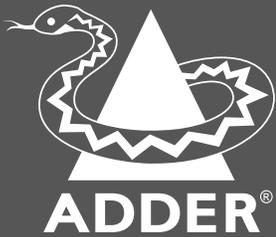
Using a spatially-lossless encoding system, with 1:1 pixel mapping, the ALIF101T provides pixel-perfect and color accurate video with no artifacts. The digital video received is the same as the digital video leaving the remote computer.

USB 2.0 with Class Control

Supports USB devices including graphics tablets, jog shuttles, joysticks and 3D explorers, alongside mass storage devices. For secure applications, the system can 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.

ADDERLink INFINITY Matrix

With the addition of the ADDERLink INFINITY Management (AIM) system, you can turn multiple point-to-point extenders into a scalable digital KVM matrix system that allows any workstation to link with any computer connected to the network.



ADDERLink® INFINITY 101T DVI



EDID Management

Intelligent EDID management allows the true characteristics of the monitor to be passed back to the computer. This ensures perfect video display without additional configuration.

Digital Audio

The system can deliver USB stereo audio (bi-directional) or embedded video standard stereo audio (uni-directional).

Plug and Play

ADDERLink INFINITY 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.

Low Power Consumption

At under three watts of power in typical usage, the ALIF101T radically reduces the requirements for power supply capacity and air-conditioning in most installations

Video Information (1 Screen)	
Maximum Resolution (1 Screen)	1920 x1200
Frame Rate (1 Screen)	60
Color Depth (1 Screen)	8 bpc
Computer Connections	
USB A	2x 2.0, True Emulation,Full Speed,Low Speed,High Speed
DVI-D	1x
Link Ports	
8p8c (RJ45)	1x
Audio Connections	
Audio Type	Digital
Channels	2x
Audio Direction	Bi-directional
Size (bit)	16
Speed (kHz)	48
Audio In Port	1x USB
Cable Requirements	
CAT5e and above	100m / 328ft
CAT5e	100m / 328ft
CAT6 (SFTP)	100m / 328ft
CAT6a	100m / 328ft
CAT7	100m / 328ft
Network Support	
Bandwidth	1GbE
10/100 Support	No
Environmental	
Operating Temperature Range °C / °F	0 to 50 °C / 32 to 122 °F
Storage Temperature °C / °F Range	-10 to 60 °C / 14 to 140 °F
Operating Humidity (%)	10% - 90% (non-condensing)
Storage Humidity (%)	10% - 90% (non-condensing)
Altitude m/ft	2,000 / 6562
Mean Time Between Failure (MTBF)	1,200,000 h

Power Source

USB powered	2x
--------------------	----

5V	1x
-----------	----

Power Additional Information	USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS)
-------------------------------------	---

Power Consumption

Maximum Power (Watts)	5
------------------------------	---

Typical Power (Watts)	3
------------------------------	---

Physical Design

Construction Material	ABS and aluminium construction
------------------------------	--------------------------------

U size	0
---------------	---

Width (mm) / (in.)	55 / 2.2
---------------------------	----------

Height (mm) / (in.)	25 / 1
----------------------------	--------

Depth (mm) / (in.)	110 / 4.3
---------------------------	-----------

Flying Lead Length (mm)	300
--------------------------------	-----

Weight (kg) / (lb)	0.2 / 0.4
---------------------------	-----------

Compatibility

OS Compatibility	All known operating systems
-------------------------	-----------------------------

Approvals and Standards

Approvals	CE, cULus - E476334, FCC, ICES, UKCA
------------------	--------------------------------------

Standards	ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN63000, FCC pt15B, ICES003
------------------	---

Other	Cal Prop 65, China ROHS, EU REACH, UK REACH
--------------	---

Packing Box

Length (mm) / (in.)	292 / 11.5
----------------------------	------------

Width (mm) / (in.)	245 / 9.6
---------------------------	-----------

Depth (mm) / (in.)	55 / 2.2
---------------------------	----------

Weight (kg) / (lb)	0.5 / 1.1
---------------------------	-----------



What's in the Box?

1x ALIF101T unit

1x Quick start guide

Ordering Information

ALIF101T-DVI

ALIF101T- DVI Transmitter

Related Accessories (Sold Separately)

ADDER® Power Supply Unit 5volt DC 2.5A

ADDER® DVA

ADDER® PSU RED PRO 12V to 5V DC converter

1GbE Power over Ethernet Splitter 12W

Adder and the Adder logo are trademarks of Adder Technology Ltd, Cambridge, UK. All other trademarks are the property of their respective owner and may be registered in the United States Patent and Trademark Office and in other countries. Information contained in this data sheet is up-to-date and correct as at the date of issue. As Adder Technology cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of planned use. Images are for illustrative purposes only. Adder reserves the right to make changes to this specification without notice.