



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 DP

Matrix

Features



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.



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 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.



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.



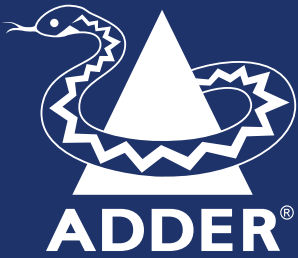
Support for Dithered Video

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.



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.



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.



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.



Digital Audio

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



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)	2560 x 1600
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
Full Size DisplayPort	1x 1.1 (dual mode)
Link Ports	
8p8c (RJ45)	1x
Audio Connections	
Audio Type	Digital
Channels	2x
Audio Direction	Bi-directional
Audio Additional Information	Digital Audio 2 channel linear PCM
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
System Requirements	Requires source to be DisplayPort Dual-Mode (DP++) compliant
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-DP

ALIF101T- DP Transmitter

Related Accessories (Sold Separately)

ADDER® Power Supply Unit 5volt DC 2.5A

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

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