



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

ADDERLink® INFINITY 102T  
(ALIF102T) is an IP KVM  
extender delivering video,  
audio and USB over a single  
cable in a ZeroU form factor.  
Part of the ADDERLink  
INFINITY range, the ALIF102T  
enables the use of standard  
IT infrastructure to extend  
computers away from the  
user environment.

## ADDERLink® INFINITY 102T DP

Matrix

### Features



#### ZeroU Form Factor

The ADDERLink INFINITY 102T (ALIF102T) 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 ALIF102T 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.



#### 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.



#### Flexible and Scalable Extender or Switch

Each ALIF102T model can be configured as part of a simple extender or self-managed distributed KVM switch. Each receiver can see up to 16 sources and rapidly switch between them.



#### 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.



### Digital Audio

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



### USB Powered

Using under 3 Watts, 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 available.



### 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 configuration 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.

<b>Video Information (1 Screen)</b>	
Maximum Resolution (1 Screen)	2560 x 1600
Frame Rate (1 Screen)	60
Color Depth (1 Screen)	8 bpc
<b>Computer Connections</b>	
USB A	2x 2.0, True Emulation,Full Speed,Low Speed,High Speed
Full Size DisplayPort	1x 1.1 (dual mode)
<b>Link Ports</b>	
8p8c (RJ45)	1x
<b>Audio Connections</b>	
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
<b>Cable Requirements</b>	
CAT5e and above	100m / 328ft
<b>Network Support</b>	
Bandwidth	1GbE
10/100 Support	No
<b>Environmental</b>	
Operating Temperature Range °C / °F	0 to 40 °C / 32 to 104 °F
Storage Temperature °C / °F Range	0 to 40 °C / 32 to 104 °F
Operating Humidity (%)	10% - 90% (non-condensing)
Storage Humidity (%)	10% - 90% (non-condensing)
Altitude m/ft	2,000 / 6562
Mean Time Between Failure (MTBF)	1,300,000 h
MTBF Standard	Telcordia SR332 Issue 4 March 2016 Calculated @ 55C
<b>Power Source</b>	
USB powered	2x

5V	1x
Power Additional Information	USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS)
<b>Power Consumption</b>	
Maximum Power (Watts)	5
Typical Power (Watts)	3
<b>Physical Design</b>	
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
<b>Compatibility</b>	
OS Compatibility	All known operating systems
System Requirements	Requires source to be DisplayPort Dual-Mode (DP++) compliant
<b>Approvals and Standards</b>	
Approvals	CE, FCC, ICES, UKCA
Standards	ANSI 63.4, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003
Other	Cal Prop 65, China ROHS, EU REACH, UK REACH
<b>Packing Box</b>	
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 ALIF102T unit

1x Quick start guide

### Ordering Information

ALIF102T-DP

ALIF102T- DP Transmitter

### Related Accessories (Sold Separately)

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

ADDER® Power Supply Unit 5volt DC 2.5A

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