

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.

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Digital Audio

The system can deliver USB stereo audio (bidirectional) 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.

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 8i-directional 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 Network Support Bandwidth 1GbE 10/100 Support No Environmental One of 40 °C / 32 to 104 °F 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	Video Information (1 Screen)	
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Size (bit) Speed (kHz) Audio In Port 1x USB Cable Requirements CAT5e and above 100m/328ft Network Support Bandwidth 1GbE 10/100 Support No Environmental Operating Temperature Range °C / °F Storage Temperature °C / °F Range Operating Humidity (%) 10% - 90% (non-condensing) Storage Humidity (%) 10% - 90% (non-condensing) Altitude m/ft 2,000 / 6562 Mean Time Between Failure (MTBF) MTBF Standard Power Source	Audio Direction	Bi-directional
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MTBF Standard Telcordia SR332 Issue 4 March 2016 Calculated @ 55C Power Source	Altitude m/ft	2,000 / 6562
55C Power Source	Mean Time Between Failure (MTBF)	1,300,000 h
Power Source	MTBF Standard	Telcordia SR332 Issue 4 March 2016 Calculated @
		55C
USB powered 2x	Power Source	
	USB powered	2x

Power Additional Information USB power: 2x USB2.0 (2x 500mA @5V) 5W• Extern 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.) Depth (mm) / (in.) 110 / 4.3
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
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Width (mm) / (in.) 55 / 2.2 Height (mm) / (in.) 25 / 1
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, FCC, ICES, UKCA
Standards ANSI 63.4, EN55032 / CISPR 32, EN55035 / CISPR 35,
EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B,
ICES003
OtherCal Prop 65, China ROHS, EU REACH, UK REACH
Packing Box
Length (mm) / (in.) 292 / 11.5
Width (mm) / (in.) 245 / 9.6



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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