



## 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

### 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.

### 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.

### 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.

### 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.

### Support for Dithered Video

Allows analog or noisy video to pass through the system, along with computers, that dither the video to enhance the perceptible 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.



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### Digital Audio

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

### 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.

### 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.

### 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.

### 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

### 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** 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

### Power Source

**USB powered** 2x

|                                     |   |
|-------------------------------------|---|
| <b>5V</b>                           | 1x  |
| <b>Power Additional Information</b> | USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS)                               |
| <b>Power Consumption</b>            |   |
| <b>Maximum Power (Watts)</b>        | 5   |
| <b>Typical Power (Watts)</b>        | 3   |
| <b>Physical Design</b>              |   |
| <b>Construction Material</b>        | ABS and aluminium construction  |
| <b>U size</b>                       | 0   |
| <b>Width (mm) / (in.)</b>           | 55 / 2.2  |
| <b>Height (mm) / (in.)</b>          | 25 / 1  |
| <b>Depth (mm) / (in.)</b>           | 110 / 4.3   |
| <b>Flying Lead Length (mm)</b>      | 300   |
| <b>Weight (kg) / (lb)</b>           | 0.2 / 0.4   |
| <b>Compatibility</b>                |   |
| <b>OS Compatibility</b>             | All known operating systems   |
| <b>System Requirements</b>          | Requires source to be DisplayPort Dual-Mode (DP++) compliant  |
| <b>Approvals and Standards</b>      |   |
| <b>Approvals</b>                    | CE, cULus - E476334, FCC, ICES, RCM, UKCA   |
| <b>Standards</b>                    | ANSI 63.4, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003 |
| <b>Other</b>                        | Cal Prop 65, China ROHS, EU REACH, UK REACH   |
| <b>Packing Box</b>                  |   |
| <b>Length (mm) / (in.)</b>          | 292 / 11.5  |
| <b>Width (mm) / (in.)</b>           | 245 / 9.6   |
| <b>Depth (mm) / (in.)</b>           | 55 / 2.2  |
| <b>Weight (kg) / (lb)</b>           | 0.5 / 1.1   |



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#### 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

1GbE Power over Ethernet Splitter 12W

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