



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.



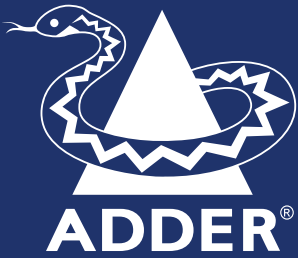
Support for Dithered Video

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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