



ADDERLink™ INFINITY 101T

IP KVM Matrix

DisplayPort™

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



Features

ZeroU™ size

The ADDERLink™ INFINITY 101T (ALIF101T) takes ZeroU™ of rack space in the server room allowing for ultimate flexibility and ease of installation.

IP-based

Use your existing networking infrastructure to extend or matrix your computing resources to your users.

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.

Low power consumption

Requires less than 3 watts.

Video options

The system supports resolutions up to 2560x1600 @60Hz through a DisplayPort™ interface.

USB2.0

Enables you to connect any USB HID (human interface device) from mouse and keyboards through to graphics tablets, jog shuttles, joysticks and 3D explorers. Supports high speed devices such as USB hard drives.

Seamless integration with the ADDERLink INFINITY range

The ALIF101T can integrate seamlessly into your existing ADDERLink INFINITY setup, replacing, or working in conjunction with, your existing ALIF endpoints.

Perfect digital video

The ALIF101T uses an encoding system that is spatially-lossless, with 1:1 pixel mapping, so the digital video you receive is the same as the digital video leaving the remote computer ensuring the very best picture available and color accuracy.

Digital audio

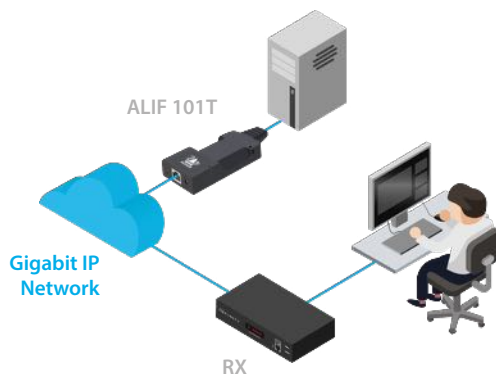
The system can deliver USB stereo audio (bi-directional) or embedded video standard stereo audio (uni- directional).

EDID management

The system has intelligent EDID management to either allow the true characteristics of the monitor to be passed back to the computer, or controlled resolutions to be imposed.

Digital KVM matrix

Using the ADDERLink INFINITY Manager (AIM) you can turn multiple point-to-point extenders into a matrix system that allows any workstation to connect to any computer connected to the network. See the AIM page on the Adder website for details.



Product in Brief

ADDERLink™ INFINITY 101T (ALIF101T) is a high performance ZeroU™ IP KVM (Keyboard, Video, Mouse) extender with matrix capability that enables the use of standard IT infrastructure to extend computers away from the user environment.

- ZeroU™ form factor
- Utilizes existing IP infrastructure
- USB powered
- Low power consumption
- Easy to retrofit into existing infrastructure
- Plug and play

Technical Specifications

Video resolutions

- The system supports resolutions up to 2560x1600 @60Hz

Operating/storage conditions

- Operating temperature: 0°C to 50°C/122°F
- Storage temperature: -10 to 60°C/140°F
- Storage and operating relative humidity: 10-90% non-condensing
- Altitude: <3000m
- MTBF: >500,000 hours

Power

- USB power: 2x USB2.0 (2x 500mA @5V) 5W
- External power: 5VDC, 1A, (LPS)
- Typical power consumption: 3W
- BTU: 10.2BTU/hr

Physical

- Dimensions: (L)110mm/4.3" x (W)55mm/2.17" x (D)25mm/1" with 30cm/11.8" cable length
- Weight: 0.2kg/0.4lb
- Materials: ABS and aluminium construction

Connectors

- Computer: 1x DisplayPort™, 2x USB Type-A
- Ethernet: 1x 8p8c (RJ45)
- Power: 2.5mm socket



ADDERLink INFINITY 101T - DisplayPort™

Specification

- USB: USB2.0 Low, full and hi-speed
- USB features: Keyboard, mouse, touch and hard drives
- USB device seen as: 7 or 13 port hub
- Max video resolution: Up to 2560x1600 @60Hz
- Audio: Bi-directional USB audio 2 channel 16bit 48KHz
- DisplayPort™ Audio: 2 channel linear PCM
- Ethernet: 1GbE (No 10/100 support)
- Requires source to be DisplayPort™ Dual-Mode (DP++) compliant

Packing Box

- Dimensions: (L)292mm/11.5" x (W)245mm/9.6" x (D)55mm/2.1"
- Weight: 0.5kg/1.1lb

Cable types recommendations

- Cat5e and above

Cable length rules

- Ethernet specifications rules apply 100m/300ft maximum run

Approvals / Compliance

- CE and FCC

Ordering Information

ALIF101T-DP: ADDERLink™ INFINITY TX with DisplayPort™ connector

Accessories (Sold separately)

PSU-IEC-5VDC-2.5A: IEC power supply

PSU-RED-RPS: 12v to 5v converter

What's in the Box?

1x ALIF101T unit

1x Quick start guide

About Adder

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs.

Adder has offices in China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

To find out more, visit: adder.com

Global Headquarters

Tel: +44 (0)1954 780044 | Fax: +44 (0)1954 780081
Email: sales@adder.com

Americas

Tel: +1 888 932 3337 | Fax: +1 888 275 1117
Email: usasales@adder.com

Asia Pacific

Tel: +65 6288 5767 | Fax: +65 6284 1150
Email: asiasales@adder.com

All brand names and trademarks are the property of their respective owner. Copyright 2020 | Adder Technology Ltd. | ADDER_DS072_EN_v3_FINAL_AP

Information contained in this data sheet is up-to-date and correct as at the date of issue. As Adder Technology cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of planned use. Images are for illustrative purposes only.

ADDER®
THE IP KVM PEOPLE

DATA
SHEET