



ADDERLink® INFINITY 101T

IP KVM Matrix HDMI

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 an HDMI 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. (Refer to manual on AIM firmware requirements for a matrix installation)

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.

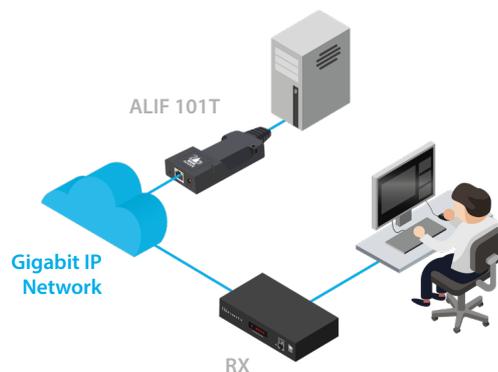
Digital KVM matrix

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



ADDERLink INFINITY 101T - HDMI

Ordering Information

ALIF101T-HDMI: ADDERLink INFINITY TX with HDMI connector

What's in the Box?

- 1x ALIF101T unit
- 1x Quick start guide

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
- HDMI Audio: 2 channel linear PCM
- Ethernet: 1GbE (No 10/100 support)
- Does not support HDCP or CEC control

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, FCC, UKCA, ICES and cULus

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.

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THE IP KVM PEOPLE

DATA SHEET

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