

ADDERLink™ INFINITY 100T

IP KVM Matrix

ZeroU™ IP-based high performance KVM for extension/matrix of video, audio and USB over a single cable



Features

ZeroU™ size

The ADDERLink™ INFINITY 100T (ALIF100T) 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

Requiring less than 3 Watts, the unit can be powered from USB. This means it could use less than a quarter of the energy when compared to other solutions.

Multiple video options

The system supports resolutions to a maximum of 1920x1200 @60Hz through either DVI, DisplayPort™ and VGA interfaces.

USB1.1

Enables you to connect any USB human interface device from mouse and keyboards through to graphics tablets, jog shuttles, joysticks and 3D explorers.

Seamless integration with the ADDERLink™ INFINITY range

The ALIF100T can integrate seamlessly into your existing ADDERLink™ INFINITY setup, replacing or working in conjunction with your existing ALIF endpoints.

Perfect digital video

The ALIF100T 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 colour accuracy.

USB audio

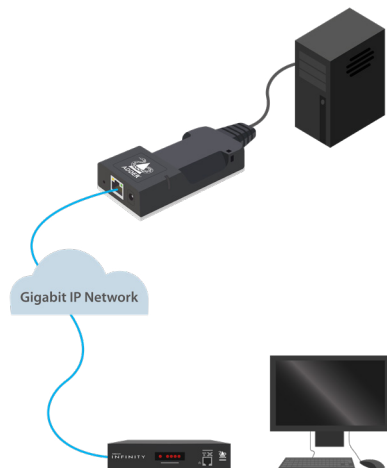
The system delivers USB stereo audio (Line In, Line Out) digitally across the network.

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

By the addition of 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 100T (ALIF100T) is a ZeroU™, high performance IP KVM (Keyboard, Video, Mouse) extender and/or matrix that enables the use of standard IT infrastructure to extend computers away from the user environment.

- ZeroU™ form factor
- IP-based: use your existing network
- USB powered
- Low power consumption
- Supports multiple video resolutions
- Easy retrofit into existing infrastructure
- Plug and play

Technical Specifications

Operating/storage conditions

- Operating temperature: 0 to 50°C/32 to 122°F
- Storage temperature: -10 to 60°C/ 14 to 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/12" cable length
- Weight: 0.2kg/0.4lb
- Materials: ABS and aluminium construction

Connectors

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

Specification

- USB: USB1.1 full and low speed (No HS support)
- USB features: Keyboard, mouse and touch
- USB device seen as: 7 or 13 port hub
- Max video resolution: Up to 1920x1200 @60Hz
- Audio: Line in/out USB audio 2 channel 16bit 48KHz
- DisplayPort™ Audio: None
- Ethernet: 1GbE (No 10/100 support)
- DisplayPort™ version 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

Approvals / Compliance

- CE and FCC

Cable types recommendations

- Cat5e and above

Cable length rules

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



ADDERLink INFINITY 100T - DVI



ADDERLink INFINITY 100T - DisplayPort™



ADDERLink INFINITY 100T - VGA

Ordering Information

ALIF100T-DVI: ADDERLink™ INFINITY TX with DVI video

ALIF100T-DP: ADDERLink™ INFINITY TX with DisplayPort™ video

ALIF100T-VGA: ADDERLink™ INFINITY TX with VGA video

What's in the Box?

1x ALIF100T unit

1x Quick start guide

Accessories (Sold separately)

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

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

DVA: VGA to DVI converter

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

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THE IP KVM PEOPLE

DATA SHEET