

# Adder ALIF4021R-US 4K Dual-Head/Audio/USB2.0 IP KVM Extender (Receiver) over Single Fiber

*This listing is for ALIF4021R-US Receiver only. Use description below as a general reference.*

The ADDERLink™ INFINITY 4000 Series (ALIF4000) is the world's first dual-head, high performance 4K IP KVM extender over a single fiber.

The ALIF4000 delivers pixel-perfect, color accurate picture quality at 4K60 with USB2.0 with fast switching. Fully compatible with the existing INFINITY range, and supported by the trusted [ADDERLink INFINITY Manager \(AIM\)](#), the ALIF4000 can be used as a point-to-point extender or easily integrated into a wider matrix system; enabling KVM users to migrate to 4K without the need to rip and replace.

- Dual-head 4K, video, audio and USB over a single fiber connection
- Pixel-perfect, color accuracy at 4K60
- Bi-directional analog audio
- Adder's USB True Emulation for fast switching
- Backwards compatible with existing ADDERLink INFINITY infrastructure
- Plug and play

## Features

- **Dual-head 4K screens over a single link:** the ALIF4000 can deliver two 4K60 screens over a single link
- **IP-based:** use your existing standard 10GbE networking infrastructure to extend or matrix your computing resources to your users. Supports teaming for network resilience and redundancy
- **Perfect digital video:** using the same encoding system as the other products in the ADDERLink INFINITY range, the digital video is spatially lossless, with 1:1 pixel mapping, ensuring that the digital video you receive is the same as the one leaving your remote computer
- **Backwards compatibility:** the ALIF4000 can integrate seamlessly into your existing ADDERLink INFINITY setup, replacing or working in conjunction with your existing ALIF endpoints
- **Digital KVM matrix:** by the addition of ADDERLink INFINITY Management system (A.I.M.) 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 A.I.M. datasheet for details
- **Audio capability:** analog audio (Line In, Line Out) to support headsets and microphones
- **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
- **Plug and Play:** the ADDERLink INFINITY range is delivered in a zero config state so they work as soon as they are connected, without the need for drivers or software
- **USB True Emulation:** USB2.0 enables connection to any USB human interface device from mice and keyboards through to graphics tablets, jog shuttles, joysticks and 3D explorers