ADDER®

ADDERLink™ INFINITY 4000 Series

High Performance **4K IP KVM**

T**4**KE CTRL

#T**4K**ECTRL

Take Control of High Performance 4K IP KVM

ADDERLink INFINITY, now with dual-head 4K, audio and USB delivered over a single fiber connection. Pixel-perfect, color accurate picture quality at 4K60 and USB2.0 with fast switching.

The ADDERLink INFINITY range is trusted by thousands of organizations around the globe. Now, the introduction of the ADDERLink INFINITY 4000 Series means expanding a KVM matrix to include dual-head 4K could not be easier.

As the pace of IT innovation continues to accelerate, companies continue to look for ways to adopt the latest technology without incurring costly disruptions, downtime or infrastructure replacements.

Reliable and scalable, the ALIF4000 enables KVM users to migrate to 4K when the time is right for them, without the need to rip and replace.

Fast and simple to install, the ALIF4000 is built with plug and play capability and easy configuration. Supported by the familiar ADDERLink INFINITY Manager (AIM), the ALIF4000 is fully compatible with the existing INFINITY range.

With a 35-year foundation of technology innovation, the ALIF4000 leverages a proven IP network delivery system, built on industry standards, to ensure the fantastic customer experience that has become synonymous with the Adder brand.

The Rise and Rise of 4K

The growth of 4K technology is rapidly increasing, and this is driving demand for 4K content. Rising pressure on content workflows highlights strains on existing KVM infrastructures, resulting in potential barriers to 4K KVM adoption.

The ALIF4000 removes these barriers and offers a perfectly timed solution to support IP KVM users as they embrace 4K technology.

"The launch of the ALIF4000 gives us the opportunity to take control and add 4K KVM to our facility, as and when we need it, without having to rip and replace."
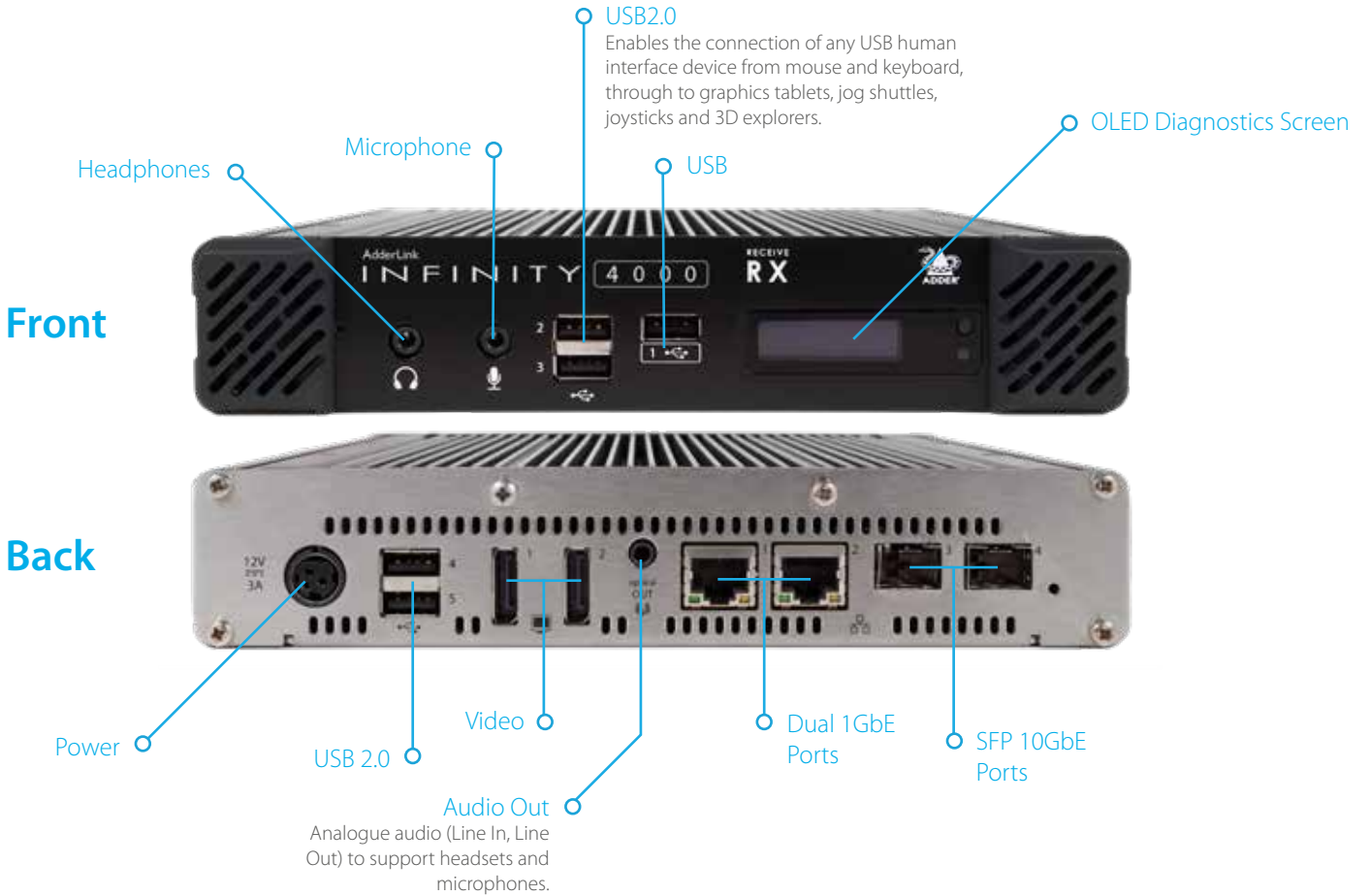
- **John Stevens,**
The Foundation

Industry Focus

4K screens are becoming integral to operational productivity in a wide range of industries, including: VFX, Post Production, Color Grading, Air Traffic Control and Healthcare.
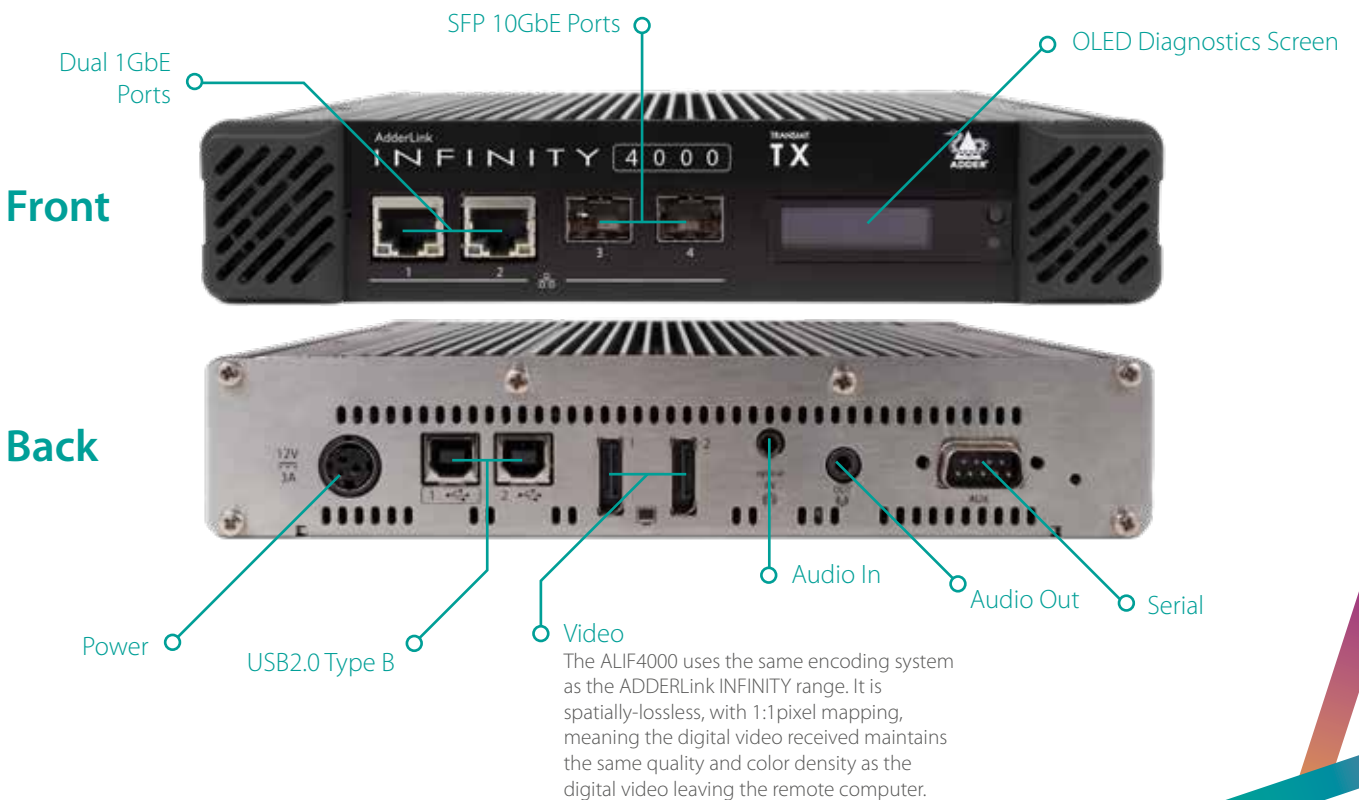
The ALIF4000 combines:

- High performance
- Ease of use
- Reliability
- Resiliency
- Dual-head 4K60
- Pixel-perfect picture quality
- AIM support
- 10GbE network support
- Backwards compatibility with ADDERLink INFINITY 1000 / 2000

#T**4K**ECTRL

Product Overview

Receiver (RX)

USB2.0
Enables the connection of any USB human interface device from mouse and keyboard, through to graphics tablets, jog shuttles, joysticks and 3D explorers.

OLED Diagnostics Screen

Microphone

Headphones

USB

Front

Back

Power

USB 2.0

Video

Audio Out
Analogue audio (Line In, Line Out) to support headsets and microphones.

Dual 1GbE Ports

SFP 10GbE Ports

Transmitter (TX)

SFP 10GbE Ports

Dual 1GbE Ports

OLED Diagnostics Screen

Front

Back

Audio In

Audio Out

Serial

Power

USB2.0 Type B

Video
The ALIF4000 uses the same encoding system as the ADDERLink INFINITY range. It is spatially-lossless, with 1:1 pixel mapping, meaning the digital video received maintains the same quality and color density as the digital video leaving the remote computer.

ADDERLink INFINITY 4000

Datasheet

Product In Brief

- 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 compatibility
- Plug and play

Technical Specifications

Operating/storage conditions
Operating temperature: 0 to 40ºC / 0 to 104ºF
Storage temperature: -10 to 60ºC / 14 to 140 ºF
Storage and operating relative humidity: 10-90% non-condensing
Altitude: < 3000m

Power
External power: 12VDC, 5A
Typical power consumption: 20W
BTU: 68.24BTU/hr

Physical

Dimensions
(L)210mm /8.3" x (W)215mm/8.5" x (D)40mm/1.6"
Weight: 1.8kg /4 lbs.

Materials
Aluminium and steel construction

Connectors

Local Unit - Transmitter (TX)
Computer: 2x DisplayPort™, 2x USB type B, 2x 3.5mm audio jack sockets, 1x DB9 socket.
Ethernet: 2x 8p8c (RJ45), 2x SFP+ cages.
Power: 3 pin Kycon socket.

Remote Unit - Receiver (RX)
Desk: 2x DisplayPort™, 5x USB type A, 2x 3.5mm audio jack sockets, 1x 3.5mm SPDIF socket.
Ethernet: 1x 8p8c (RJ45), 2x SFP+ cages.
Power: 3 pin Kycon socket.

Ordering Information

ALIF4021T-XX   ALIF4000 Transmitter
ALIF4021R-XX   ALIF4000 Receiver

XX   = Mains Lead Country Code:
  UK   = United Kingdom
  US   = United States
  EURO   = Europe
  CN   = China
  JPN   = Japan
  AUS   = Australia

Additional Accessories

PSU-IEC-12VDC-5A: IEC power supply
VSCD10A: 2m / 6.5ft. DP cables
RMK12: Rack mount kit for 2 units in 1U **(coming soon)**
SFP-MM-LC-10G: 10GbE Multimode SFP fiber modules with LC connectors **(coming soon)**
SFP-SM-LC-10G: 10GbE Single mode SFP fibre modules with LC connectors **(coming soon)**

Specification

USB
4 ports of USB2.0 with USB True Emulation to support keyboard, mouse and touch.
USB device seen as: 7 or 13 port hub

Max video resolution
Supports 4K UHD or DCI and refresh rates to 60Hz

Audio
Analog Line in/out 2 channel 16bit 48KHz 1V RMS in / 1V RMS out

Ethernet
10GbE (No 10/100/1000 support)

Packing Box
Dimensions: (L) 285mm /11.2-inch (W) 245mm/9.6inch (D) 145mm/5.7inch Weight: 2.5kg / 5.5lb

Approvals / Compliance
CE and FCC: See the compliance web page for the full list

Cable types recommendations
See manual

Cable length rules
See manual

ADDER®
THE IP KVM PEOPLE