ADDERLink™ XDIP

Digital Extender

A high performance IP KVM extender or matrix solution with video distribution functionality.

Features

Flexible and scalable
Each XDIP unit can be configured as a simple extender, distributed KVM switch or for AV distribution. Each receiver can see up to 16 sources and each transmitter can connect to up to 256 receivers.

Configurable units
The XDIP user and computer units are identical and can be configured as a transmitter or receiver. This means the solution can be built to suit the application, and should the application change, units can be re-configured to suit.

High quality video
The XDIP supports video resolutions of up to 1920 x 1200 @ 60Hz.

Real-time control
XDIP combines low latency, high quality and 60Hz video compression to deliver an "at the PC" user experience, over a standard Gigabit LAN.

Remote control
Users can remotely control their XDIP network via a RESTful API or HTTPS web browser. By managing the receiver end points through an API, users can control the matrix. The XDIP is designed to work with any third party controller via HTTPS.

Power over Ethernet (PoE)
Compatible with most PoE switches, the XDIP can be easily installed without the need for additional power. Many PoE switches offer redundant power options which the XDIP can leverage for enhanced reliability.

CATx cable for connection
Video, USB2.0 and audio all pass along a single minimum spec of CAT5e cable.

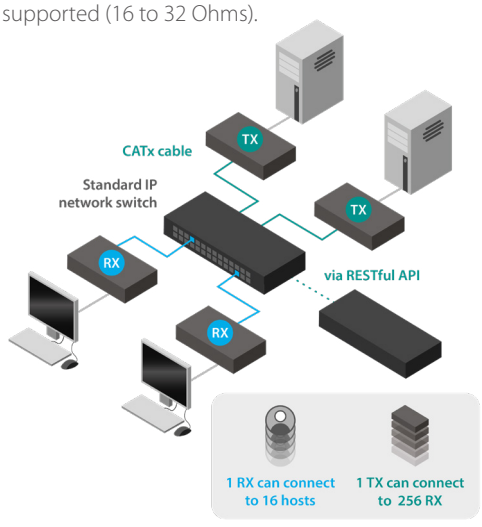
Extension distance
Extension distance is linked to the IP standard of 100m with a 40% overhead for safety. Longer distances can be achieved by routing through IP infrastructure.

Feed through and local computer support
Video and USB feed through ports are available, enabling a local console at the source computer. A local computer is also supported at the user station.

EDID management
The extender has intelligent EDID management allowing the true characteristics of the monitor to be passed back to the computer. Alternatively, a fixed EDID can be specified.

Plug and Play
The XDIP is delivered in a zero config. state so it works, without the need for drivers or software, as soon as it is connected. A simple setup wizard guides the user through set up when the device is connected.

Audio capability
XDIP delivers bi-directional analog audio (16-bit sampling at 48kHz) passed between the local and remote units. Headphones are also supported (16 to 32 Ohms).



Product In Brief

The ADDERLink XDIP is designed to improve IT scalability for small to medium businesses. Utilizing a standard 1Gb/s IP network, the XDIP enables users to extend and manage critical PCs with ultra-low latency and HD video. An intuitive API delivers remote control of the matrix and allows the XDIP to be integrated into larger systems, controlled by third party software.

- Powerful KVM extender with KVM matrix functionality
- Configurable as a point to point extender or small matrix solution
- A single unit can be programmed as transmitter or receiver
- Remote control via RESTful API or HTTPS web browser
- Support for Power over Ethernet (PoE)
- Local USB and video feed through ports

Technical Specifications

Video resolution
- The system supports video resolutions to a maximum of 1920 x 1200 @ 60Hz

USB
- Supports USB2.0 HID devices (keyboard, mouse, tablet and touch)

Hardware compatibility
- All computers with HDMI, USB and analog audio
- Can be interfaced to VGA, DVI and DisplayPort™ with appropriate adaptors

Software compatibility
- All known operating systems no drivers required

Computer connections
- HDMI, Audio 3.5mm, USB type B, 8p8c Ethernet port

Console connections
- HDMI, Ethernet, 3x USB type A, Audio 3.5mm

Power connections
- PoE (Power over Ethernet) 802.3af via Ethernet port or 3 Pin Locking DC jack (Optional: 100-240VAC 50/60Hz, 0.7A, input to power adapter, 12VDC 18W output from power adapter)

Physical
Robust metal construction

Physical dimensions
- 169mm/6.65" (w), 31mm/1.22" (h), 120mm/4.8" (d)
- 0.6kg/1.3lbs

Environmental
- Operating temperature: 0 to 40ºC/32 to 104ºF

Approvals
- CE, FCC

Mean Time Between Failure (MTBF)
- XDIP (POE) (SINGLE UNIT) 700,000 Hours Telcordia SR332 Issue 4 March 2016 Calculated @55C

ADDERLink XDIP - Front

ADDERLink XDIP - Rear

Ordering Information

XDIP-POE: Single node PoE powered
XDIP-XX: Single node PSU powered
XDIP-RED: Single node RED-PSU powered

What's in the Box?

All XDIP Products
1x 2 meter HDMI cable
1x 2 meter USB A to B cable
1x 2 meter 3.5mm jack audio cable
1x quick start guide

XDIP-XX: Single node PSU powered
1x PSU 12V cable
1x IEC Country specific cable

XDIP-RED: Single node RED-PSU powered
1x VSC48 2 Meter power lead

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

ADDER® THE IP KVM PEOPLE | DATA SHEET