ADDERLink® XDIP

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.

High Quality Video

The XDIP supports video resolutions of up to 1920x1200@60Hz.

API Control

Users can remotely control their XDIP network via a RESTful API via HTTPS . 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 such as the Elgato Stream deck or Studio.

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.

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.

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.

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

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.

EDID Management

Intelligent EDID management allows the true characteristics of the monitor to be passed back to the computer. This ensures perfect video display without additional configuration. Alternatively, a fixed EDID can be specified.

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).

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.

Local Feed Through 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.

Video Information (1 Screen)	
Maximum Resolution (1 Screen)	1920 x 1200
Frame Rate (1 Screen)	60 Hz
Color Depth (1 Screen)	8 bpc

Computer Connections	
USB B	1x ,
HDMI®	1x

Console Connections	
USB A	3x , True Emulation (HID Only)
HDMI®	1x

Link Ports	
8p8c (RJ45)	1x

Audio Connections	
Audio Type	Analog
Channels	2x
Audio Direction	Bi-directional
Size (bit)	16
Speed (kHz)	48
Audio In Port	1x 3.5mm jack
Audio Out Port	1x 3.5mm jack

Cable Requirements	
CAT5e and above	100m / 328ft

Network Support	
Bandwidth	1GbE
10/100 Support	No

Environmental	
Operating Temperature Range °C / °F	0 to 40 °C / 32 to 104 °F
Storage Temperature °C / °F Range	0 to 40 °C / 32 to 104 °F
Operating Humidity (%)	10% - 90% (non-condensing)
Storage Humidity (%)	10% - 90% (non-condensing)
Altitude m/ft	2,000 / 6562
Mean Time Between Failure (MTBF)	700,000 h

MTBF Standard	Telcordia SR332 Issue 4 March 2016 Calculated @ 55C

Power Source	
12V 3-pin	1x
Input Power Supply	PoE (802.3.AF), External Power Supply Unit (see manual)

Physical Design	
Construction Material	Robust metal construction
Width (mm) / (in.)	169 / 6.7
Height (mm) / (in.)	31 / 1.2
Depth (mm) / (in.)	120 / 4.7
Weight (kg) / (lb)	0.6 / 1.3

Compatibility	
OS Compatibility	All known operating systems
System Requirements	Does not support HDCP or CEC control

Approvals and Standards	
Approvals	CE, FCC, KC, UKCA
Standards	EN55032 /CISPR 32, EN55035/CISPR 35, FCC pt15B
Other	Cal Prop 65, China ROHS, EU REACH, UK REACH

What's in the Box?
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
1x PSU 12V (XX Version Only)
1x IEC Country specific cable (XX Version Only)
1x VSC48 2meter power lead (RED Version Only)

Ordering Information	
XDIP-XX	XDIP-POE unit plus mains power adaptor
XDIP-RED	XDIP-POE unit plus VSC48 power cable for connection to redundant power supply
XDIP-POE	XDIP-POE PoE powered unit

Related Accessories (Sold Separately)
ADDER® Rackmount Kit RMK10
ADDER® Rackmount Kit RMK5V
ADDER® Rackmount Kit RMK8
ADDER® VSC48 Cable