



Fanless, small form factor,
HDMI, USB and Audio Extender

ADDERLINK XDIP

Digital video extender with USB and audio over IP via 1GbE network



PRODUCT IN BRIEF

ADDERLink XDIP is a high performance KVM (Keyboard, Video, Mouse) extender that enables you to locate your critical computing hardware in a secure and temperature controlled environment away from the user work station whilst maintaining the original user desktop experience.

- 100m point to point extension distance over a single CATX cable
- Feed through ports at both local and remote unit
- Power from POE or external power source
- USB2.0 (low and full speed) for keyboard, mouse, tablet and touch screen
- Bi-directional analog audio (line in/out) with headphone support
- Plug and play



FEATURES

High quality video, real time control

The video extension system is compressed; every frame is sent with a minimal latency of 24ms (1½ frames at 60Hz).

Single CATx cable required

Video, USB2.0 and audio all pass along a single minimum spec of CAT5e cable allowing use of existing infrastructure cables in the building. Distance is linked to the IP standard of 100m runs with a 40% overhead for safety. Longer distances are achieved by routing through your IP infrastructure.

Feed through at local and remote nodes

Feed through ports for both video and USB are available.

USB 2.0

Enables connection of any USB human interface device: from mice and keyboards through to touch screens, graphics tablets, jog shuttles, joysticks and 3D explorers. Mass storage devices are NOT supported. Simple contention is used on the ownership of mouse control with a release after 2 seconds of non-movement between local and remote users.

EDID management

The extender has an intelligent EDID management to allow the true characteristics of the monitor to be passed back to the computer or alternatively, a fixed EDID can be specified.

Plug and Play

The AdderLink XDIP extender is delivered in a zero config state so you can plug the units in and start working with them straight away. There's no need for drivers or software to be installed. A simple wizard takes you through setup at the start of life of the product.

CD-quality analog audio

The unit delivers CD-quality stereo audio (16-bit sampling at 48kHz) is available to transfer audio between local and remote. Headphones are also supported (up to 32 Ohms impedance).

Function

The system is delivered as "Nodes" which are assigned a role on setup. They can transmit up to 1920 x 1200 video stream, analog audio, USB2.0 and 2 channel audio over a single CATX cable. Each node has a feed through port allowing a local user station and the remote user can switch between a local PC and the remote source.

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of high performance 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 the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:
<http://www.adder.com>

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may find useful are:

XD150



XD522



RED-PSU



AdderLink Infinity Dual



TECHNICAL SPECIFICATIONS

Hardware compatibility

All computers with HDMI, USB and audio

HDMI Interface

The system supports resolutions to a maximum of 1920 x 1200 @ 60Hz

USB 2.0

Supports USB2.0 HID devices (Keyboard, Mouse and Touch)

Software compatibility

All known operating systems

Computer connections

HDMI, 2 x Audio 3.5mm, USB type B, 8p8c Ethernet port

Feed through connections

HDMI, 3 x USB type A

Power connections

POE 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 design

Compact case, robust metal construction. 169mm/6.65" (w), 31mm/1.22" (h), 120mm/4.8" (d), 0.6kg/1.3lbs.

Operating temperature

0 to 40°C / 32 to 104°F

Approvals

CE, FCC

ORDERING INFORMATION

XDIP-POE:	Single node POE powered
XDIP-RED:	Single node with PSU cable for connection to RED-PSU
XDIP-IEC:	Single node including external PSU
XDIP/P-XX:	Two nodes in a single box for point to point extenders

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

ADDITIONAL ACCESSORIES

RMKB:	19" rack mount kit - 2 units/1U slot
RMK10:	Wall/desk mount kit
VSDC12:	HDMI locking 2 meter cable
VSCD11:	DVI to HDMI 2 meter cable

WHAT'S IN THE BOX

- 1 x XDIP-POE
- 1 x 2 meter HDMI cable
- 1 x DVI to HDMI adapter
- 1 x 2 meter USB A to B cable
- 1 x 2 meter 3.5mm jack audio cable
- 1 x quick start guide

Optional:

- PSU-IEC-12VDC-1.5A 18W PSU
- USC48 - 2 Meter power lead for RED-PSU



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ADDER TECHNOLOGY

Head Office
Tel: +44 (0)1954 780044 Fax: +44 (0)1954 780081
email: sales@adder.com www.adder.com

ADDER CORPORATION

USA and Canada
Tel: +1 888 932 3337 Fax: +1 888 275 1117
email: usasales@adder.com www.adder.com

ADDER ASIA

Asia Pacific
Tel: +65 6288 5767 Fax: +65 6284 1150
email: asiasales@adder.com www.adder.com



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