



Fanless, small form factor,
HDMI, USB and Audio
Extender, Switch or Matrix

ADDERLINK XDIP

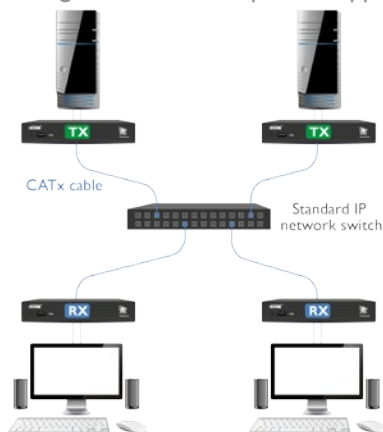
Digital video extender, switch or matrix with USB and audio over IP via 1GbE network



PRODUCT IN BRIEF

The AdderLink XDIP is a compact, easy to install, fanless matrix solution that runs on a standard IP network and enables users to extend and manage their computers with ultra-low latency, HD video and stereo audio. The XDIP is scalable, from simple extension to small matrix. It is very well suited to small and medium sized installations.

- Uses IP technology over standard CATx network cable
- Point-to-point, switching, sharing or small matrix operation
- Local USB and video feed through ports
- PoE models are powered by PoE or optional external PSU
- USB2.0 (low & full speed) for keyboard, mouse, tablet and touch screen
- Analog audio with headphone support



FEATURES

Configurable units

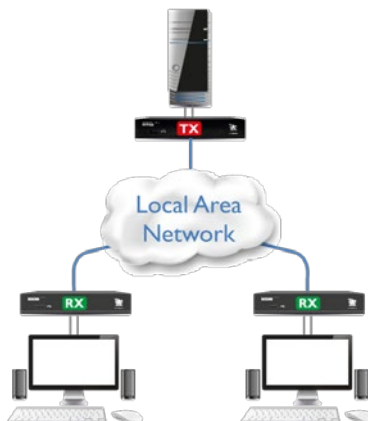
The XDIP user and computer units are the same and assigned a role at set up. They can transmit/receive up to 1920x1200 video, stereo analog audio and USB2.0 over a single twisted pair network cable.

High quality video, real time control

XDIP implements low latency, high quality, 60Hz video compression to deliver an "at the computer" user experience over a standard Gigabit LAN.

CATx cable for connection

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



Feed through and local computer support

Video and USB feed through ports are available. These enable 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 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

There is 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

CD-quality stereo audio (16-bit sampling at 48kHz) is passed between the local and remote units. Headphones are also supported (up to 32 Ohms impedance).

One solution, many uses

XDIP nodes can be configured as a simple extender, distributed KVM switch or KVM sharer or any combination up to 8 computers and 8 users (each user does not necessarily need to be connected to the same 8 computers).

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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



TECHNICAL SPECIFICATIONS

Hardware compatibility

All computers with HDMI, USB and analogue audio. Can be interfaced to VGA, DVI and DisplayPort with appropriate adaptors

Video Resolution

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

USB 2.0

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

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, 3 x 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 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 or by optional 12V PSU
XDIP-PSU:	Single node with 12V PSU, no POE
XDIP-RED:	Single node with PSU cable for connection to RED-PSU
XDIP-IEC:	Single POE node including external 12V 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

WHAT'S IN THE BOX

- 1 x XDIP-POE
- 1 x 2 meter HDMI cable
- 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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