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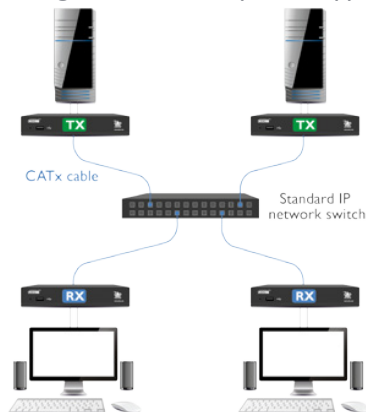Extender, Switch or Matrix

ADDERLINK XDIP

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

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
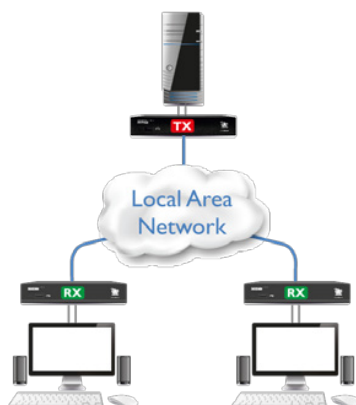
FEATURES

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 standard CATx 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 (16 to 32 Ohms).

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-IEC:	Single POE node including external 12V PSU
XDIP-xx:	Single node with 12V PSU and country-specific power cable
XDIP-RED:	Single node with power cable for connection to RED-PSU
XDIP-PSU-US*:	Single node with external 12V PSU and country-specific power cable, no POE function
XDIP-PSU-RED*:	Single node with power cable for connection to RED-PSU, no POE function

*US market specific

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

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