



Fanless, small form factor,  
Dual Link, DVI-D, USB and Audio

## ADDERLink X-DVI PRO DL

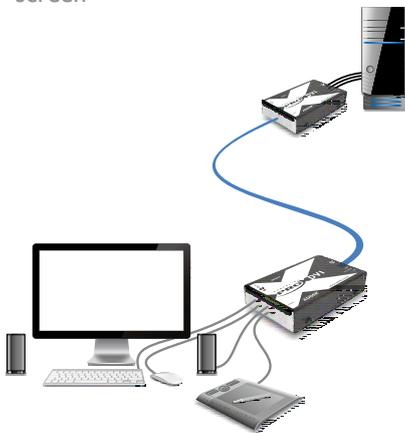
Dual Link digital video extender with USB 2.0 over a single cable



### PRODUCT IN BRIEF

ADDERLink X-DVI PRO DL 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 same user experience. It can transmit a dual link video stream, USB 2.0 and analog audio over a single CATx cable.

- Plug and play
- 50 meter extension distance
- 2560 x 1600 @ 60Hz max resolution
- USB 2.0 Low and full speed
- Keyboard, mouse, tablet and touch screen



### FEATURES

#### Dual Link resolutions, Real Time Control

The X-DVI PRO DL allows you to remote your monitor with resolutions up to 2560x1600 @60Hz up to 50 meters away from your computer. Using a visually lossless technique, no visible artefacts or latency are introduced allowing you to be certain of quality and control.

#### 50 meters over a single CATx cable

Video, USB 2.0 (low and full speed) and audio pass along a single cable, providing up to 50 meters of extension. Distance is dependent upon video resolution, CATx cable type and the number of connection breaks for patch panels and wall plates. See table on reverse for details.

#### USB 2.0

Enables connection of any human interface device from mice and keyboards through to graphics tablets, jog shuttles, joysticks, 3D explorers and mass storage devices. Full speed (12 Mbps) isochronous devices are also supported.

#### Power efficiency

The X-DVI PRO DL extender is designed to be highly power efficient and consumes <6 watts per point.

#### EDID management

The system has intelligent EDID management to allow the true characteristics of the monitor to be passed back to the computer.

#### Plug and Play

The AdderLink X-DVI PRO DL extender is delivered in a zero config state so you can plug the units in and start working with them straight away. There is no need for drivers or software to be installed.

#### Analog Audio

Stereo CD quality (stereo channel 16 bit sampled at 44.1 kHz) is available to transfer audio from local to remote for line out.

#### Built to last

Adder Technology have a well-earned reputation for creating products that perform well. The AdderLink X-DVI PRO DL is no exception and features tough, yet lightweight metallic enclosures to ensure they can easily withstand everyday treatment. The internal components and external connectors too are selected for their reliability in addition to their high performance characteristics.

# ADDERLink X-DVI PRO DL

Dual Link Digital video extender with audio over a single cable

## 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 the United States, United Kingdom, Germany, Spain, the Netherlands, Sweden, China and Singapore.

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

## TECHNICAL SPECIFICATIONS

### Hardware compatibility

All computers with DVI-D, USB and Audio - requirement dependent.

### DVI-D Interface - digital only

The system supports resolutions to a maximum of 2560x1600 @60Hz.

### USB 2.0 Low and full Speed

Transparent USB 2.0 (full and low speed) that supports HID, isochronous and mass storage devices to a maximum of 50 meters. Reduce maximum cable length by 5 meters if a USB hub is connected to the receiver unit.

### Audio

The system delivers analog stereo audio (Line Out).

### Software compatibility

All known operating systems.

### Computer connections Transmitter (TX)

DVI-D, Audio 3.5mm in, USB type B.

### Computer connections Receiver (RX)

DVI-D, Audio 3.5mm out, USB type A x 4.

## ORDERING INFORMATION

X-DVI PRO-DL-XX: Pair including TX and RX units  
XX: Mains Lead Country Code  
UK: United Kingdom  
US: United States  
EURO: Europe  
AUS: Australia

## ADDITIONAL ACCESSORIES

X-RMK-FASCIA: Rack mount plate with screws included  
X-RMK-CHASSIS: Rack mount chassis

### Physical design

Compact case, robust metal construction  
120mm/4.7" (w) x 75mm/3" (d) x  
26mm/1" (h) 320g/0.7lb.

### Power

2.5mm DC jack (power adaptor included),  
100-240VAC 50/60Hz, 0.4A, input to  
power adaptor, 5VDC 12.5W output from  
power adaptor.

### Operating temperature

0 to 40°C / 32 to 104°F

### Approvals

CE, FCC.

## RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERLink X-DVI  
PRO MS  
X-DVIPRO-MS2



ADDERLink X-DVI PRO  
X-DVIPRO



ADDERLink Infinity  
ALIF2112T



ADDERLink XD522  
XD522-DP-PAIR



## Important extension distance Information

Recommended cables are CAT7 shielded foiled twisted pairs:

Daetwyler 7702 Flexible patch cable  
Daetwyler 7120 Bulk cable

Category 5e (or better) shielded twisted pair cable must be used to connect the local and remote units in order to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

| Resolution         | Cable type          | Patch connections | Total distance |
|--------------------|---------------------|-------------------|----------------|
| 2560 x 1600 @ 60Hz | CAT7                | 0                 | 50 meters      |
| 2560 x 1600 @ 60Hz | CAT6a<br>(shielded) | 0                 | 50 meters      |
| 2560 x 1600 @ 60Hz | CAT5e<br>(shielded) | 0                 | 50 meters      |
| 2560 x 1600 @ 60Hz | CAT7                | 2                 | 40 meters      |

### Note:

Distances are achieved using single lengths of trunk/bulk cable. For each break/patch connection reduce distance by 5 meters. Preferably patch cables should be of type CAT7a and less than 2 meters. Patch cables over 2 meters must be CAT7a. The maximum extension distance for USB is 50 meters including connections to and from the X-DVI PRO DL independent of cable type. If a USB hub is connected to the RX unit, this is seen as 5 meters of cable length. This needs to be taken into consideration when planning your system.

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