



Fanless, small form factor,  
DVI, USB and Audio

## ADDERLink XD150

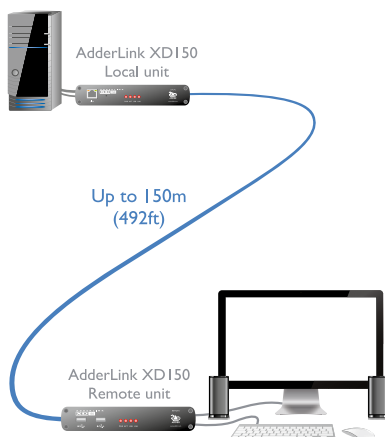
DVI video extender with transparent USB2.0 over a single CATx cable



### PRODUCT IN BRIEF

ADDERLink XD150 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.

- 150 meter extension distance for a single 1920 x 1080 screen
- 100 meter extension distance for a single 1920 x 1200 screen
- Transparent USB 2.0 hi-speed link for keyboards, mice, tablets, touch screens, mass storage and other common USB devices



### FEATURES

#### Perfect digital video, real time control

The video extension system is uncompressed, where by every pixel of every frame are sent without loss and in real-time.

#### Single CATx extension cable

Video, USB 2.0, audio and RS232 signals all pass along a single CATx extension cable.

#### Up to 150 meter extension distance

Distance is dependent on the monitor resolution, cable type and number of connection breaks for patch panels and wall plates. See the table on reverse for details.

#### Transparent USB 2.0

The transparent USB 2.0 link supports most common USB devices such as mice, keyboards, touch screens, graphic tablets, jog shuttles, joysticks and mass storage devices. Isochronous devices such as web cams and headsets can also be used.

#### Plug and Play

Installation is straightforward and there is no need for extra drivers or software to be installed.

#### Locking power connectors

Locking 3 Pin DC jack with 2 power adaptors included.

#### CD quality analog audio

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

#### Intelligent operation

The extender has an intelligent EDID management to allow the true characteristics of the monitor to be passed back to the computer. A KVM switch mode is also provided for improved compatibility with KVM equipment. The whole system is flash upgradeable from the computer end for future compatibility.

#### RS232

RS232 can be passed between the units to a maximum baud rate 115K2 via the options port. Adder's RC4 remote key switch is also supported.

#### 19" rack mounting kit

An easy-access rack mount kit is available for neat mounting of two units in 1U of rack space.

#### Intelligent USB hub

The remote unit has an in-built 4-port USB hub to enable several USB devices to be connected.

# ADDERLink XD150

DVI video extender with USB2.0 over a single cable

## 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>

## TECHNICAL SPECIFICATIONS

### Hardware compatibility

All computers with DVI, USB and audio.

### DVI Interface

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

### USB 2.0

Supports USB 2.0 devices (low, full and hi-speed). Isochronous devices are supported.

### Software compatibility

All known operating systems.

### Computer connections LOCAL transmitter

DVI, audio 3.5mm in, USB type B, RS232 10p10c options port, Micro USB for firmware upgrade.

### Peripheral connections REMOTE receiver

DVI, audio 3.5mm out, USB type A x 4, RS232 10p10c options port.

### Physical design

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

## ORDERING INFORMATION

**XD150-XX:** Pair including TX and RX units  
**XX** = Mains Lead Country Code:  
**UK** = United Kingdom  
**US** = United States  
**EURO** = Europe  
**AUS** = Australia  
**JAP** = Japan

## ADDITIONAL ACCESSORIES

19" rack mount bracket :  
RMK8: two units per 1U rack slot

### Power

3 Pin Locking DC jack (2 x power adapter included), 100-240VAC 50/60Hz, 0.7A, input to power adapter, 12VDC 18W output from power adapter.

### 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 find useful are:

**ADDERLink XD522**  
XD-522-DP-PAIR



**ADDERLink X-DVI PRO DL**  
X-DVIPRO-DL-XX



**ADDERLink INFINITY**  
ALIF1000P, ALIF1000R,  
ALIF1000T



**ADDERLink INFINITY Dual**  
ALIF2002P, ALIF2000R,  
ALIF2002T



## 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
1920 x 1200@60Hz	CAT7 Patch	2	100 meters
1920 x 1080@60Hz	CAT5e	2	150 meters

### Note:

Distances are achieved using single lengths of trunk/bulk cable with two 2 meter CAT7a patch cables.

For each additional 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.

© Copyright 2014 Adder Technology Ltd. All brand names and trademarks are the property of their respective owners. SC-XD150\_v7\_J\$J\$Windd