



Fanless, small form factor,
DVI, USB and Audio

ADDERLink XD150

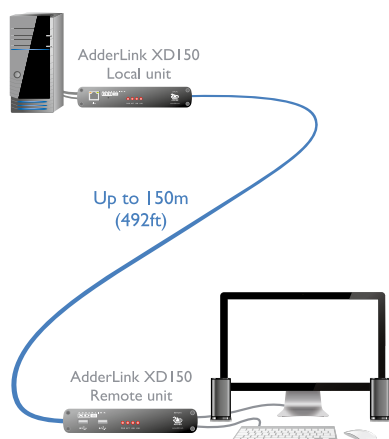
DVI video extender with transparent USB2.0 over a single CATx cable



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.



无风扇、小型化、DVI、
USB和音频

加法器链路XD150

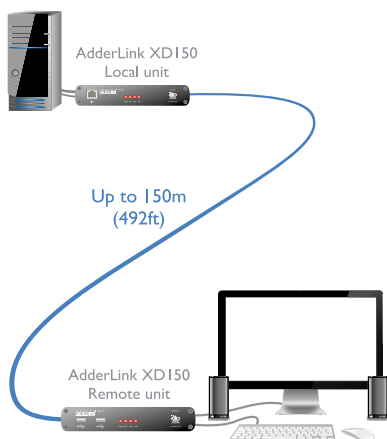
通过单个CATx电缆实现透明的USB2.0的DVI视频扩展器



产品简介

ADDERLink XD150 是一款高性能KVM（键盘、视频、鼠标）扩展器，使您能够将关键计算硬件放置在远离用户工作站的安全和温度受控环境中，同时保持原始用户桌面体验。

- 单个1920 x 1080屏幕的延伸距离为150米
- 单个1920 x 1200屏幕的100米延伸距离
- 透明USB 2.0高速链接，用于键盘、鼠标、平板电脑、触摸屏、大容量存储器和其他常见USB设备



功能

完美的数码视频，实时控制
视频扩展系统是未压缩的，每一帧的每一个像素都是实时发送的，没有损失。

单CATx延长线
视频、USB 2.0、音频和RS232信号都通过一根CATx延长线传输。

最长可延长150米
距离取决于显示器分辨率、线缆类型以及跳线面板和接线板的连接中断次数。详细信息请参见背面的表格。

透明USB 2.0
透明的USB 2.0连接支持大多数常见的USB设备，如鼠标、键盘、触摸屏、图形平板、游戏手柄、操纵杆和大容量存储设备。等时设备，如网络摄像头和耳机也可以使用。

即插即用
安装过程简单，不需要安装额外的驱动程序或软件。

锁定电源连接器
锁定3针直流插孔，附带2个电源适配器。

CD质量模拟音频
CD音频质量（立体声通道，16位采样，44.1kHz）可用于将立体声音频从本地传输到远程用于线路输出。

智能操作
扩展器有一个智能EDID管理，允许将监视器的真实特性传回至计算机。还提供KVM交换机模式，以改进与KVM设备的兼容性。整个系统可通过计算机端进行闪存升级，以实现未来的兼容性。

RS232
RS232可以通过选项端口在单元之间传递，最大波特率为115K2。还支持Adder的RC4远程密钥开关。

19“机架安装套件
一个易于访问的机架安装套件可用于在1U的机架空间内整齐地安装两个单元。

智能USB集线器
远程单元有一个内置的4端口USB集线器，以使多个USB设备能够连接。

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.

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ADDER®

加法器链路XD150

通过单根线缆实现USB2.0的DVI视频扩展器

关于ADDER

艾德科技是连接解决方案领域的领军企业与行业标杆。公司推出的高性能KVM切换器、扩展器及IP解决方案系列，可实现企业内部本地、远程及全球IT系统的统一管控。通过覆盖60多个国家的经销商、代理商和原始设备制造商网络，艾德科技的产品已销往全球。目前公司在美国、英国、德国、荷兰、瑞典、中国及新加坡均设有分支机构。

如需了解更多信息，请访问：
<http://www.adder.com>

技术规格

硬件兼容性
所有计算机均配备DVI、USB和音频。

DVI接口
系统支持最高分辨率为1920 x1200@60Hz。

USB 2.0
支持USB 2.0设备（低速、全速和高速）。支持等时设备。

软件兼容性
所有已知的操作系统。

计算机连接本地发送器
DVI，音频3.5毫米输入，USB type B，RS232 10p10c选项端口，Micro USB用于固件升级。

外围连接远程接收器
DVI，音频3.5mm输出，USB A型x4，RS232 10p10c选项端口。

实体设计
紧凑型外壳，坚固的金属结构。169mm/6.65（宽）、31mm/1.22（高）、120毫米/4.8英寸（深），0.6kg/1.3lbs。

订购信息

XD150-XX: 包括TX和RX单元的成对设备
无权或无保障 =主导国家代码：
英国 =联合王国
美国 =美国
欧盟 =欧洲
美国陆军 =澳大利亚
日本 =日本

其他配件

19"机架安装支架：
RMK8：每个1U机架插槽中安装两个单元

权力
3 插头锁定直流插座（包含2个电源适配器），100-240VAC 50/60Hz，0.7A，输入到电源适配器，12VDC 18W从电源适配器输出。

工作温度
0到40°C/32到104°F。

批准
CE，面心立方。

相关产品

Adder提供大量产品以满足您的需求。您可能还会发现以下其他有用的产品：

ADDERLink XD522
XD-522-DP-对



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



ADDERLink INFINITY
ALIF1000P, ALIF1000R, ALIF1000T



ADDERLink INFINITY Dual
ALIF2002P, ALIF2000R, ALIF2002T



重要延伸距离信息
推荐的电缆是CAT7屏蔽箔片双绞线：Daetwyler 7702柔性

跳线
Daetwyler 7120大宗电缆

必须使用5e类（或更优）屏蔽双绞线电缆连接本地和远程设备，以保持符合射频能量发射法规并确保电磁干扰的抗扰度达到适当水平。

决议	电缆类型	补丁连接	总距离
1920 x 1200@60Hz	CAT7补丁	2	100米
1920 x 1080@60Hz	第5类	2	150米

笔记
使用单根主干/粗缆和两根2米CAT7a跳线实现距离。

每增加一个断点/补丁连接，距离减少5米。
最好使用CAT7a型跳线，长度不超过2米。超过2米的跳线必须使用CAT7a型。

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