



# ADDERLINK X Series X-100 Extenders

**Short haul, fully featured, keyboard, video, mouse and optional audio extender for PS/2 and USB computers.**

AdderLink X-100s have been designed for use in applications where keyboard, mouse, high quality video and audio needs to be extended no more than 100m (330ft) over category 5 or higher UTP cable. The AdderLink X-100s provide industry-leading video clarity, audio quality and compatibility.

## FEATURES

### Video performance

Industry leading resolutions of 1600 x 1200 are achievable up to 100m (330ft), 1900 x 1440 up to 50m (165ft).

### Video compensation

The AdderLink X-100 applies signal compensation that allows for smooth and fine adjustments providing great video quality up to 100m.

### Emulated DDC

Unless an extender actively supports DDC some well-known high performance video cards cannot be used at high resolutions. The AdderLink X-100s fully support DDC.

### USB Emulation

When using an X-100 pair to extend a CPU with a USB keyboard and mouse interface, it is ensured that the keyboard and mouse are continually emulated for maximum availability and essential functionality such as country code reporting for Sun CPUs.

### Brightness control

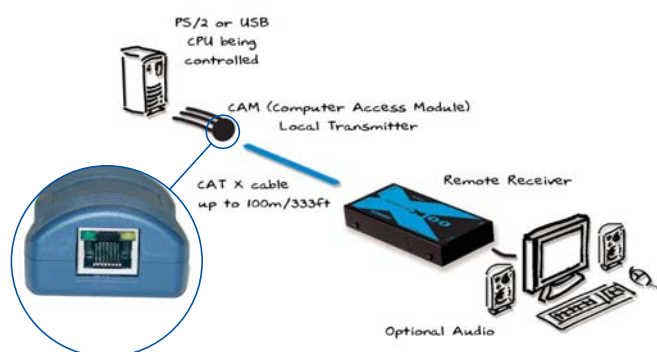
The AdderLink X-100s offer their own brightness correction to ensure images are crisp, clear and bright.

### Audio

Optional digital stereo audio delivers high fidelity audio for speakers.

### Variety of models available

To suit the maximum possible number of applications the X-100 is available in a number of models, PS/2 and video (X-100-PS2/P) PS/2, video and audio (X-100A-PS2/P), USB and video (X-100-USB/P) and USB, video and audio (X-100A-USB/P).





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## TECHNICAL SPECIFICATIONS

|                              |                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Video resolutions</b>     | 1600 x 1200 at distances up to 100m/330ft,<br>1900 x 1440 at distances up to 50m/165ft                                                                                                           |
| <b>Extension distance</b>    | Up to 100m/330ft using CATx cable (x=5,5e,6,7)                                                                                                                                                   |
| <b>Devices supported</b>     | Supports any computer with PS/2 or USB style keyboard and mice, flat-screen and CRT style monitors with standard HD-15 video connectors and optional audio through 3.5mm audio jack              |
| <b>O/S compatibility</b>     | All known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, Sun OS, Solaris, Mac OS, NetWare etc.                                                                   |
| <b>Connectors (local)</b>    | Video: HDD15 Keyboard Mouse: MiniDin6. Optional audio: 3.5mm jack CATx: 1 x RJ45 connector<br>Or<br>Video: HDD15 Keyboard Mouse: USB type A. Optional audio: 3.5mm jack CATx: 1 x RJ45 connector |
| <b>Connectors (remote)</b>   | Video: HDD15 Keyboard Mouse: MiniDin6. Optional audio: 3.5mm jack CATx: 1 x RJ45 connector.<br>Power: 2.5mm DC jack                                                                              |
| <b>Physical (local)</b>      | Combination of plastic enclosure and cables.<br>Enclosure: 64mm x 45mm x 25mm<br>Cables: 340mm long                                                                                              |
| <b>Physical (remote)</b>     | All metal case, 123mm x 74mm x 26 mm                                                                                                                                                             |
| <b>Power supply</b>          | 100 - 240VAC 50/60Hz                                                                                                                                                                             |
| <b>Operating temperature</b> | 0°C to 40° / 32°F to 104°F                                                                                                                                                                       |
| <b>Approvals</b>             | CE, FCC                                                                                                                                                                                          |

Local, Remote and Global Computer Control



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