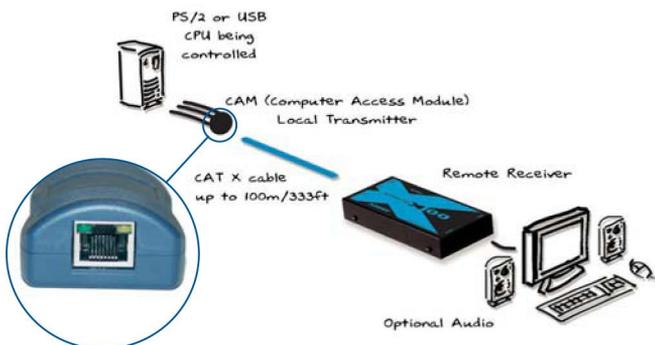# ADDERLINK X Series X-100 Extenders

**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).

# ADDERLINK X Series X-100 Extenders

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## TECHNICAL SPECIFICATIONS

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

Local, Remote and Global **Computer Control**