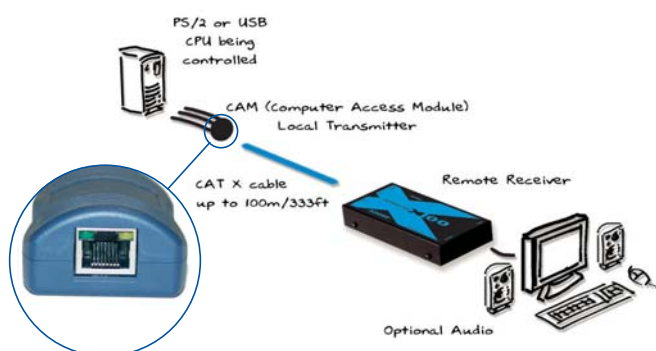# ADDERLINK X Series X-100 Extenders

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).

Local, Remote and Global **Computer Control**

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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

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