



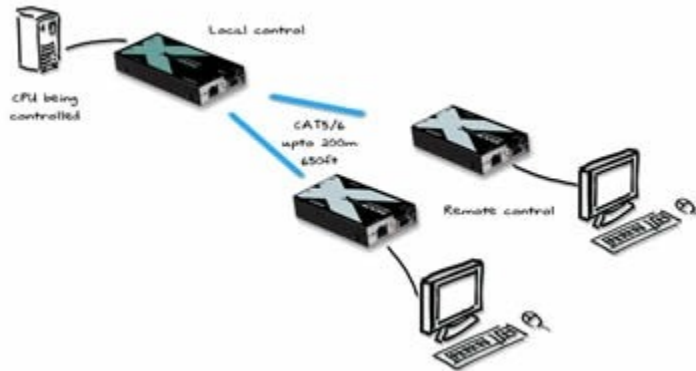
## **DESCRIPTION:**

AdderLink X Series X Dual Video - KVM extension with dual video receivers  
Convenient and remote control of a PC or KVM switch over 200m of UTP cable, the X Series X Dual Video is designed with Cat6 in mind. The X Dual is a sophisticated extender ideal for dual display extension applications and digital signage installations. Featuring auto bandwidth adjustment and skew reporting for today's challenging Cat6 structured cable systems, the X Series X Dual is designed to control a PC or KVM switch remotely over UTP cable. The Dual transmits two video signals together with keyboard and mouse to work as either an extender or a video splitter, and is future proof due to flash upgradeability via the keyboard port.

## **FEATURES:**

- High video quality at a resolution of up to 1600 x 1280
- Dual video transmission
- Password security prevents unauthorized use
- Flash upgradeable via the keyboard port
- Supports automatic and manual video compensation
- 2 year warranty and lifetime support

## DIAGRAM:



## SPECIFICATION:

**Video resolutions** – 1600 x 1280 at distances up to 100 metres/330 ft, 1024 x 768 at distances up to 200 metres/650 ft.

**Extension distance** - Up to 200 metres / 650 ft using CATx cable (x=5,5e,6,7).

**Extension technology** - Differential analogue signalling for video signals, differential digital signalling for PS/2 keyboard, PS/2 mouse, RS232. Signals are multiplexed so that only one CATx cable is required.

**Devices supported** - Supports PS/2 style keyboard, PS/2 style mouse, flat-screen and CRT style monitors with standard HD-15 video connectors.

**Video compensation** – Video compensation is provided by remote units that are provided separately.

**Keyboard control** - The cable equalisation are controlled in 'configuration mode' using the keyboard attached to the remote (KVM console-end) unit, provided separately.

**Indicators** – The X Series X Dual Video units are fitted with a link/activity indicator that shows the link status and indicate keyboard and mouse data activity.

**Computer / KVM switch compatibility** - Compatible with desktop, rack mount and laptop PCs with PS/2 keyboard and mouse connections. May also be used with RS/6000, Alpha and SGI computers and a wide range of KVM switches. Adder can provide a range of KVM switch and conversion cables for connection to PC, Sun and Macintosh computers that have USB connectors.

**Operating system compatibility** - Compatible with all major operating systems including DOS; OS/2; UNIX; MS Windows 9x, NT, 2000, XP; NetWare and RS6000.

**Keyboard support** - Supports PS/2 style keyboards with 6-pin mini-DIN connectors. Operates in modes, 1, 2 and 3 and supports individual typematic states per key. Supports

standard layout keyboards and enhanced 'Internet style' keyboards with extra keys.

Supports all keyboard language layouts.

**Mouse support** - Supports a wide range of PS/2 style 2 button, 3 button, wheel, IntelliMouse (3 button with wheel), IntelliMouse Explorer (5 button with wheel) and other mice that support the Microsoft <sup>®</sup> mouse signalling protocols.

Rack mount options – The AdderLink X Series X Dual units may be rack mounted in the X Series rack mount chassis. This chassis enables 16 units to be mounted in 2U of 19-inch rack space. The units are rack mounted using the optional rack mount face plate (part code: X-RMK-DV/T).

**Connectors (Local computer-end unit)** - 1 x 25-way female connector for computer connection, 1 x RJ45 connector for CATx cable connection. 2.5mm DC jack for optional power adapter (only required for video only applications).

**Connectors (Local computer-end unit)** - 1 x black 6-pin mini-DIN female keyboard connector for keyboard and mouse (use PS/2 'Y' splitter cable supplied to present 2 x PS/2), 2 x blue 15-pin high-density D-type female connector for monitor connection. 2 x RJ45 connector for CATx cable connection. 2.5mm DC jack for power adapter.

**Physical (Local computer-end unit)** - Metal case (steel and stainless steel), 172mm x 26mm x 75mm, 439g, fits into one slot width in the X Series X Dual Video rack mount chassis (16 units fit into 2U of rack space).

**Power** - The X Series X Dual Video is powered by an external 5V DC, 2A power supply with an IEC power cable connection. A country specific power cord is provided.

**Flash upgrades** - The X Series X Dual Video units are flash upgradeable to take advantage of product enhancements and upgrades. The units may be flash upgraded via the PS/2 keyboard ports from a connected computer. Flash upgrade mode is accessed using option switches mounted on the side of the local and remote units.

**Spike suppression** - The X Series X Dual Video is fitted with spike suppression circuits.

**Application** - The X Series X Dual Video is not suitable for linking between buildings.

**Package contents** – The AdderLink X Series Dual Video extender, 2 x 2 metre long male to male HDD15 tri-coax video cables, 2 x 2m male to male PS/2 cables, 1 x PS/2 'Y' splitter cable, IEC style power supply and power cord, safety and installation leaflet, CD manual, stick on rubber feet. (Note: the X Series X Dual Video rack panels are not included and need to be purchased separately as required).

**Optional accessories** - X Series X Dual Video's rack mount chassis (part code: X-RMK), rack mount plate (part code: X-RMK-DV/T, Power distribution unit to power up to 4 units from single inlet, X2-PDM.

**Approvals** - FCC class A, CE marked.

**Use with other Adder products** - May be used together with other X2 and X Series receivers.

**Power** - Operating Voltage: 100-240VAC, Power Frequency: 50-60Hz, Usage: 5VDC at 500mA

**Temperature Tolerance** - 0C-40C (32F to 104F).

**Humidity Tolerance** - 5 to 60% non condensing