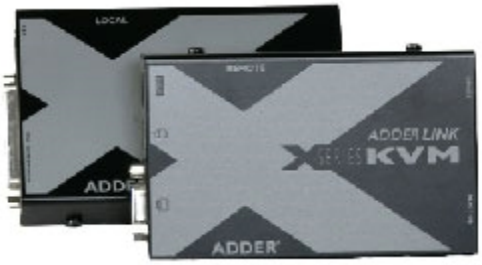
AdderLink X-Series X KVM - X-KVM/P, X-KVM/R



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 and DDC signals. 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 - Adjustable video compensation amplifiers enable the video sharpness to be adjusted using the keyboard. Coarse and fine adjustment control is provided for quick setup. Settings are persistent even when the AdderLink is powered off which means that setup only needs to be done once. Brightness adjustment is automatic.

Keyboard control - The cable equalisation are controlled in 'configuration mode' using the keyboard attached to the remote (KVM console-end) unit. Configuration mode is accessed using keyboard hotkeys. These hotkeys may also be used to lock the remote unit (if a password has been set). Hotkeys are variable and may be disabled if required. Feedback is provided to the user using the keyboard num, caps and scroll lights.

Indicators - The remote and local 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 ® mouse signalling protocols.

Rack mount options - Both the local (computer-end) and remote (KVM console-end) 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-KVM/T for local and X-RMK-KVM/R for remote).

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 (Remote console-end unit) - 1 x purple 6-pin mini-DIN female keyboard connector, 1 x green 6-pin mini-DIN female mouse connector, 1 x blue 15-pin high-density D-type female connector for monitor connection. 1 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), 122mm x 26mm x 75mm, 320g, fits into one slot width in the X-Series rack mount chassis (16 units fit into 2U of rack space).

Physical (Remote console-end unit) - Metal case (steel and stainless steel), 122mm x 26mm x 75mm, 320g, fits into one slot width in the X-Series rack mount chassis (16 units fit into 2U of rack space).

Power - The console-end unit is powered by an external 5V DC, 2A power supply with an IEC power cable connection. A country specific power cord is provided. The computer-end unit is normally interface powered via the PS/2 keyboard connection but may alternatively be powered using an optional power supply. Both units are fused with auto resettable fuses.

Flash upgrades - The X-Series remote and local 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.

Password protection mode - The X-Series may be locked using a hotkey combination from the keyboard if a password has been loaded into the unit. The unit may then only be unlocked using the password. The video is blanked whilst the remote unit is locked.

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

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

Package contents - Local (computer-end) unit, remote (KVM console-end) unit, 2 metre long computer interface cable, IEC style power supply and power cord, safety and installation leaflet, CD manual, stick on rubber feet. (Note: the X-Series rack panels are not included and need to be purchased separately as required).

Optional accessories - Optional power adapter for local unit (part code: PSU-IEC-5VDC), X-Series rack mount chassis (part code: X-RMK), rack mount plate for local/remote unit (part code: X-RMK-KVM/T for local and X-RMK-KVM/R for remote), 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 extenders where multiple video head or USB extension is required. For local access at the computer-end, the X-Series may be coupled to an AdderView Prism. A Dual Access X-Series is available with dual access functionality built into the computer end unit.

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

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

Humidity Tolerance - 5 to 60% non condensing.