ADDERLink® XD C650 R

A high-resolution, quad-head KVM extender. High-definition video, transparent full-speed USB 2.0 and audio are transmitted on a single CATx or fiber cable.

A high performance KVMA extender that is designed to provide reliable and real-time access to critical computers while maintaining the same user desktop experience. Developed for enterprise organizations and high-pressure control rooms, it combines the simplicity of true plug and play and high performance 4K KVM extension for superior functionality and flexibility.

Features

Quad-Head High-Definition Video

Supports quad-head 1920x1200@60Hz or single head 4096x2160@60Hz (DCI 4K60). Quad-head enabled over a single cable using DisplayPort 1.2 Multi-Stream Transport (MST) technology.

Up to 4km Extension

Supports both copper and fiber interfaces. Provides a range of up to 100m/328ft over a CAT6 cable link, and up to 4km/2.5 miles over an optical fiber link (Fiber SFP modules sold seperately).

Emulated and Hi-Speed USB 2.0

USB 2.0 emulation ensures reliable connection of full and low speed HID devices (mouse or keyboard). Mass storage devices and isochronous devices, such as webcams and audio headsets can also be used through the transparent USB 2.0 Hi-Speed port.

Plug and Play

Uses a low-latency point-to-point protocol over a single CATx or fiber cable that works as soon as it is connected. No network set-up, driver or software is required.

Digital Audio over DisplayPort
Supports two channels of 24-bit, 192kHz sampled PCM audio over the DisplayPort connection.

Analog Audio
Plug analog line in/out and headphones directly into the receiver. Audio is transmitted as bi-directional stereo 24-bit/96kHz using either an analog or USB connection to the host.

Monitor Flexibility
EDID management allows the monitor capabilities to be passed back to the host computer for optimum compatability. Additionally, a local monitor may be connected at the transmitter side.

Serial communications
RS232 can be passed between the units to a maximum rate of 115200 baud with RTS/CTS flow control.

Video Information (1 Screen)	
Maximum Resolution (1 Screen)	4096 x 2160
Frame Rate (1 Screen)	60 Hz
Color Depth (1 Screen)	8 bpc
Video Information (2 Screen)	
Maximum Resolution (2 Screens)	2560 x 1600
Frame Rate (2 Screens)	60 Hz
Color Depth (2 Screen)	8 bpc
Video Information (3 Screen)	
Maximum Resolution (3 Screens)	1920 x 1200
Frame Rate (3 Screens)	60 Hz
Color Depth (3 Screen)	8 bpc
Video Information (4 Screen)	
Maximum Resolution (4 Screens)	1920 x 1200
Frame Rate (4 Screens)	60 Hz
Color Depth (4 Screen)	8 bpc
Video Additional Information	
Video Additional Information	Supports HD60 Quad-Head or 4K60 Single-Head.
Console Connections	
USB A	3x 2.0, True Emulation (HID Only),Full Speed
USB A	1x 2.0, Transparent,Full Speed
Full Size DisplayPort	2x 1.2
Link Ports	
8p8c (RJ45)	1x
SFP+	1x
Serial Ports	
Serial Connection	1x RS232
Maximum Baud Rate	115200
Serial Additional Information	With RTS/CTS flow control
Serial Connection Type (console)	RJ12 (6p6c)
Audio Connections	
Audio Type	Analog/Digital
Channels	2x
Audio Direction	Bi-directional

Audio Additional Information	Also supports 2 channels of 24-bit/192kHz PCM audio over the DisplayPort connection
Size (bit)	24
Speed (kHz)	96
Audio In Port	1x 3.5mm jack
Audio Out Port	2x 3.5mm jack
Cable Requirements	
CAT5e	50m / 164ft
CAT6 (SFTP)	100m / 328ft
Fiber (MM)	400m / 1312ft
Fiber (SM)	4,000m / 13123ft
Network Support	
10/100 Support	No
Power Source	
12V 3-pin	1x
Input Power Supply	PSU 18W
Power Additional Information	100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unit
Physical Design	
Construction Material	Robust metal construction
Width (mm) / (in.)	186 / 7.3
Height (mm) / (in.)	39 / 1.5
Depth (mm) / (in.)	148 / 5.8
Weight (kg) / (lb)	1.24 / 2.7
Front Panel Features	
Multi color status LEDs	
Compatibility	
OS Compatibility	All known operating systems

What's in the Box?
1x TX and RX pair
2x Power supply unit with country specific mains cable
1x DisplayPort® cable (VSCD18)
1x USB cable (VSC24)
1x Audio 2m/6ft cable
1x Quick start guide

Ordering Information	
XD-C650P-DP-XX	ADDERLink HD quad-head transparent USB2.0 extender

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