

ADDERView® 4PRO-DVI

KVM Switch



Flexible switch for sharing high resolution video, audio and USB between multiple sources.

Features

Dual link DVI-I with extended profile DDC EDID

The ADDERView® 4PRO-DVI (AV4PRO) features full dual link DVI video delivering up to 4 megapixel resolutions at 60Hz. The AV4PRO features DVI-I, allowing you to choose from digital or analog sources. The extended DDC (Data Display Channel) EDID (Extended Display Identification Data) profile ensures that the switched graphics card is always optimized to work with your screen. The dual link DVI capabilities enable users to work at high resolutions including 2K (2048x1080) for film production and WQXGA (2560x1600) for detailed medical imaging.

True Emulation USB2.0 technology

The AV4PRO features Adder's advanced True Emulation USB technology. This provides an instantaneous and reliable switching action and makes keyboard hotkey and mouse switching possible. It emulates the true character of the connected devices to all the computers simultaneously, allowing you to use the extra function keys, wheels, buttons and controls that are commonly found on a modern keyboard and mouse.

Independent simultaneous device selection

The switch enables you to use the KVM console to work on one computer whilst your USB peripherals are connected to other computers and your speakers are playing music from yet another. You can switch all connected devices to any one of the connected computers, as with most other KVM switches.

Channel selection options

The AV4PRO can be switched using selectable keyboard hotkeys, a 3 button mouse or the front panel controls on the unit. You can also use the ADDER® RC4 remote switch. These switching options allow you to rapidly reassign connected devices to any of the connected computers.

Broad USB2.0 hi-speed device support

A vast range of USB devices can be connected to the AV4PRO from non-standard human interface devices (HID) to printers and scanners. This flexibility allows you to scan a set of documents onto one computer whilst working on another and printing from yet another, all at the same time. The USB2.0 switching action has been carefully engineered to ensure maximum computer reliability when connecting and disconnecting USB devices.

Product in Brief

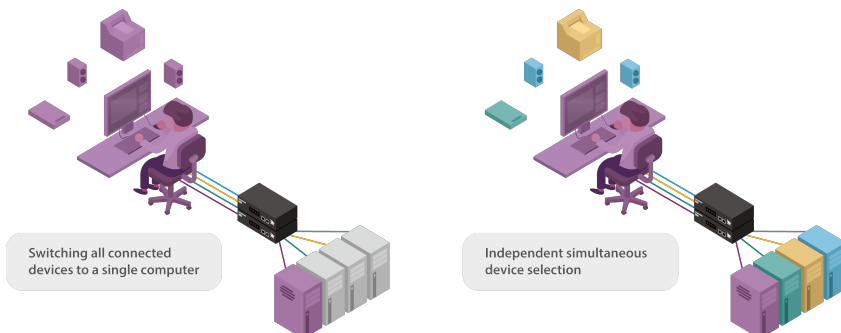
The AV4PRO is designed to enable four computers to be controlled from a single high resolution KVM console using either Dual-Link DVI or high-definition analog video links.

The switch makes use of Adder's USB True Emulation technology which enables USB HID devices to be continuously emulated to each computer. This unique technology enables instantaneous and reliable hotkey switching.

Two independently switchable USB2.0 channels and an audio channel give the user the flexibility to attach selected peripherals to different computers.

Models are available supporting single, dual, triple or quad head DVI computers.

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Options port for control, synchronization and upgrade

An 'Options' port enables the AV4PRO to be remotely switched using simple ASCII codes. When the channel is switched, the same ASCII codes are echoed to the 'Options' port. By linking the 'Options' ports, two or more units can be switched in synchrony to create a multi video head switching system. The port enables a 4 button switch unit (ADDER® RC4) to be used with the AV4PRO. The same port can also be used to upgrade the firmware.



ADDERView 4PRO-DVI - Front



ADDERView 4PRO-DVI - Rear

Technical Specifications

Operating Systems and Software Compatibility

- Software: All commonly known software and operating systems including Windows®, Linux®, macOS®, and Sun OS.

Computer connections at switch

- USB: USB2.0 Type-B
- Video: Dual link DVI-I (up to 4 per connection)
- Audio: 3.5mm stereo jack

Local KVM console connection:

- Video: Dual link DVI-I (Dual x 2, Triple x 3 or Quad x 4)
- Keyboard/mouse: 2x USB Type-A
- 2x Transparent Hi-Speed USB 2.0 Type-A
- Audio: 3.5mm stereo jack
- Serial: Options 10P10C port

True Emulation:

- Emulates keyboard and mouse on each port, low-speed HID
- USB2.0 devices supported
- Audio: 3.5mm stereo jack.
- Other connections: Options (flash upgrade, sync with other AV4PRO and RS232 triggered power switches): Modular 10P10C

Physical design

- Single head: 1U high metal case, 233mm/ 9.17"(W) x 115mm/4.52"(D) x 44mm/1.73"(H)
- Multi-head: 2.5U high metal case, 260mm/10.23"(W), 150mm/5.90"(D), 100mm/3.93"(H)

Power

- 2.5mm DC jack (power adapter included)
- 100-240VAC 50/60Hz input to power adapter
- 5VDC 2A output from power adapter

Operating temperature

- 0 to 40°C/32 to 104°F

Approvals

- CE, FCC, UKCA

Ordering Information

AV4PRO-DVI-XX: AV4PRO-DVI 4 port single head switch

AV4PRO-DVI-DUAL-XX: AV4PRO-DVI 4 port dual head switch

AV4PRO-DVI-TRIPLE-XX: AV4PRO-DVI 4 port triple head switch

AV4PRO-DVI-QUAD-XX: AV4PRO-DVI 4 port quad head switch

What's in the Box?

- 1x AV4PRO-DVI switch
- 1x power supply unit
- 1x country specific power cable
- 1x quick start guide

Accessories (Sold Separately)

RMK3: Rack mount kit (single-head)

RMK5PROMS: Rack Mount Kit (multi-head)

VSA11: DVI to VGA adaptor

VSCD1: Single link DVI-D to DVI-D Video cable

VSC22: 2m/6.5ft Audio cable

VSCD3 (2m/6ft); VSCD4 (5m/16ft):

Combined dual link DVI-D & USB cable

VSC40: Flash upgrade adapter plus standard 3m/9ft patch lead

RC4-8P8C: RC4 remote control plus standard 3m/9ft patch cable

About Adder

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs.

Adder has offices in China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

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THE IP KVM PEOPLE



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