KVMA switch to share Video and USB between multiple sources
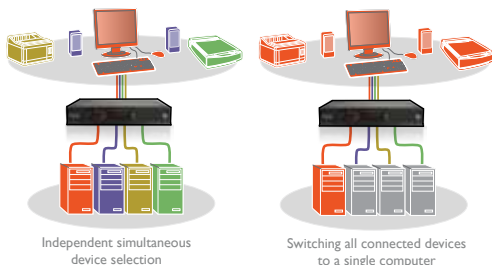
ADDERVIEW 4PRO-VGA

Ultimate flexibility for sharing high-res screens and USB peripherals

PRODUCT IN BRIEF

The AV4PRO-VGA is designed to enable four multihead computers to be controlled from a single high resolution KVM console using high definition analogue VGA 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 whilst also supporting the extra keys and features of enhanced keyboards and mice. Furthermore, the ADDERView 4PRO-VGA includes two independently switchable USB 2.0 channels and an audio channel, giving the user the flexibility to attach selected peripherals to different computers.

Independent simultaneous device selection

Switching all connected devices to a single computer

FEATURES

USB keyboard and mouse control
The ADDERView Pro features high resolution VGA video with extended DDC EDID profile. The extended DDC EDID profile ensures that the switched graphics card is always optimised to work with your screen. The VGA capabilities enable users to work at high resolutions on each head for resolution intensive applications such as media/graphic design or detailed medical imaging.

True Emulation USB 2.0 technology
The AV4PRO-VGA belongs to the first KVMA range of switches to feature Adder's advanced True USB Emulation technology. Emulated USB provides an instantaneous and reliable switching action and makes keyboard hotkey and mouse switching possible. Previous implementations have used generic emulations and consequently have only been able to support the most basic keyboard and mouse features. Adder's revolutionary True Emulation technology overcomes this frustrating limitation by emulating the true character of the connected devices to all the computers simultaneously. This means that you can now use the extra function keys, wheels, buttons and controls that are commonly found on modern keyboards and mice.

Independent simultaneous device selection
Flexibility is key to the ADDERView Pro. The switch enables you to use the KVMA 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 of course still switch all connected devices to any one of the connected computers as with any other KVM switch.

Channel selection options
The ADDERView Pro can be switched using selectable keyboard hotkeys, 3 button mice or the front panel controls. Optionally, you can also use the RC4 remote switch to make your selection. These switching options allow you to rapidly reassign connected devices to any of the connected computers.

Broad USB 2.0 Hi Speed device support
A vast range of USB devices can be connected to the ADDERView Pro, from non standard human interface devices to printers and scanners. This gives great flexibility. For example, you could be scanning a set of documents onto one computer whilst working on another and printing from yet another, all at the same time. The USB 2.0 switching action has been carefully engineered to ensure maximum computer reliability when connecting and disconnecting USB devices.

Options port for control, synchronisation and upgrade
An 'Options' port enables the AV4PRO-VGA to be remotely switched using simple ASCII codes. When the channel is switched, the same ASCII codes are echoed to the 'Options' port and so, by linking 'Options' ports, two or more

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FEATURES continued...

units can be switched in synchrony to switch more than 4 video heads. The port enables a 4 button switch unit (RC4) to be used with the ADDERView 4PRO. The same port can also be used to upgrade the firmware to guarantee that your hardware investment continues to deliver real value well into the future.

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.

To find out more, visit:
http://www.adder.com

TECHNICAL SPECIFICATIONS

Hardware compatibility
All computers with USB interfaces

Software compatibility
Operates with all known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, all Sun OS, all Mac OS, NetWare etc.

Computer connections at switch
USB 2.0 type B, Hi Res VGA (up to 4 per connection), 3.5mm stereo jack

Local KVM console connection
Video: VGA, Keyboard/Mouse: 2 x USB type A, Switched USB: 2 x USB 2.0 type A USB True Emulation: Emulates keyboard and mouse on each port. Low speed HID USB 2.0 devices supported. Audio: 3.5mm stereo jack. Other Connections: Options (flash upgrade, sync with other AV4PRO-VGA and RS232 triggered power switches): Modular 10P10C

Physical design
2.5U high metal case
260mm (w), 150mm (d), 100mm (h)

Power connection
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

ORDERING INFORMATION

AV4PRO-VGA-XX: ADDERView PRO 4 port version

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
AUS	= Australia

ADDITIONAL ACCESSORIES

RMK3: Rack Mount Kit
VSC18: 2m VGA analog video cable
VSC18: 2m USB cable (type A to B)
VSC22: 2m Audio cable
VSC40: Flash upgrade adapter plus standard 3m patch lead
RC4-8P8C: RC4 remote control plus standard 3m patch lead

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERView 4PRO DVI
AV4PRO-DVI

ADDERView 4PRO DisplayPort
AV4PRO-DP

ADDERView 4PRO MS
AV4PRO-VGA-DUAL;
AV4PRO-VGA-TRIPLE;
AV4PRO-VGA-QUAD

ADDERView 8PRO
AV8PRO-DVI

ADDER®