



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.

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.

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

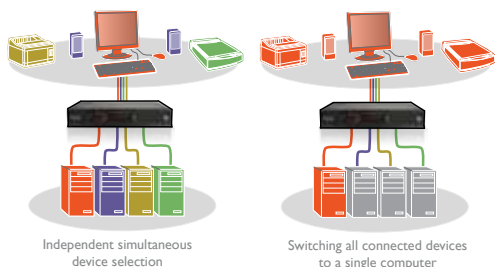
The ADDERView Pro can be switched using selectable keyboard hotkeys, 3 button mice or the front panel controls. Optionally, you can also use the RC4 remote switch to make your selection. These switching options allow you to rapidly reassign connected devices to any of the connected computers.

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





KVMA切换，以便在多个源之间共享视频和USB

加法器视图4PRO-VGA

共享高分辨率屏幕和USB外设的终极灵活性

产品简介

AV4PRO-VGA系统专为四台多头计算机设计，通过高清模拟VGA视频链路，可从单个高分辨率KVM控制台实现集中操控。该设备采用Adder公司的USB真模拟技术，能持续为每台计算机模拟USB HID设备。这项创新技术不仅支持即时可靠的热键切换，还能兼容增强型键盘和鼠标中的特殊按键及功能。此外，ADDERView 4PRO-VGA还配备两个独立可切换的USB 2.0通道和音频通道，让用户能灵活地将指定外设连接到不同计算机。

功能

USB键盘和鼠标控制

ADDERView Pro具有高分辨率VGA视频和扩展的DDC EDID配置文件。扩展的DDC EDID配置文件确保切换的显卡始终与您的屏幕优化配合。VGA功能使用户能够在每个显示器上以高分辨率工作，适用于媒体/图形设计或详细医学成像等分辨率密集型应用。

真模拟USB 2.0技术

AV4PRO-VGA属于首款搭载Adder公司先进真USB仿真技术的KVMA系列交换机。这项仿真USB技术能实现即时可靠的切换操作，让键盘热键和鼠标切换变得轻而易举。以往的方案多采用通用仿真技术，因此只能支持基础的键盘和鼠标功能。Adder公司革命性的真仿真技术彻底突破了这个痛点，通过向所有计算机同步呈现设备的真实特性，让您现在可以畅享现代键盘和鼠标上常见的扩展功能键、滚轮、按钮等操作体验。

独立同时设备选择

灵活性是ADDERView Pro的核心优势。通过该交换机，您可以在连接USB外设的同时，使用KVMA控制台在一台计算机上进行操作。

其他计算机和扬声器正在播放来自另一台计算机的音乐。当然，您仍然可以像使用其他KVM交换机一样，将所有连接的设备切换到任意一台已连接的计算机。

频道选择选项

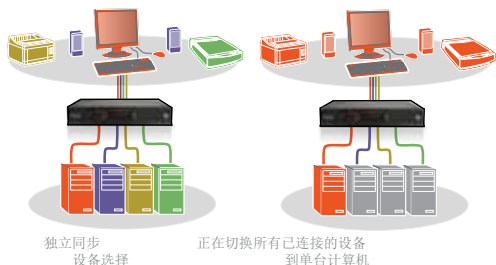
ADDERView Pro可通过可选的键盘热键、3键鼠标或前面板控制进行切换。可选地，您还可以使用RC4远程开关进行选择。这些切换选项允许您快速将连接的设备重新分配给任何已连接的计算机。

支持广泛的USB 2.0高速设备

ADDERView Pro支持连接各类USB设备，从非标准人机交互设备到打印机、扫描仪应有尽有，极大提升了操作灵活性。举个例子，您可以在另一台电脑上处理文档，同时用一台扫描仪录入数据，还能在第三台设备上直接打印——所有操作都能同步进行。USB 2.0的智能切换机制经过精心设计，确保设备连接断开时电脑运行稳定可靠。

用于控制、同步和升级的选项端口

“选项”端口允许使用简单的ASCII代码远程切换AV4PROVGA。当通道被切换时，相同的ASCII代码会回转到“选项”端口，因此通过连接多个“选项”端口，可以实现两个或更多



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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 IOP10C

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
VSC24: 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



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ADDER TECHNOLOGY

Saxon Way, Bar Hill,
Cambridge, CB23 8SL UK
Tel: +44 (0)1954 780044 Fax: +44 (0)1954 780081
email: sales@adder.com www.adder.com

ADDER CORPORATION

350R Merrimac St.
Newburyport, MA 01950 USA
Tel: +1 888 932 3337 Fax: +1 888 275 1117
email: usasales@adder.com www.adder.com

ADDER TECHNOLOGY ASIA PACIFIC

8 Burn Road
#04-10 Trivex, Singapore 369977
Tel: +65 6288 5767 Fax: +65 6284 1150
email: asiasales@adder.com www.adder.com



加法器视图4PRO-VGA

共享高分辨率屏幕和USB外设的终极灵活性

特写继续...

各单元可以同步切换，以切换超过4个视频磁头。该端口允许使用4按钮开关单元（RC4）与ADDERView 4PRO配合使用。同一端口还可用于升级固件，从而确保您的硬件投资在未来很长一段时间内继续提供真正的价值。

关于ADDER

艾德（Adder）是连接解决方案领域的领先开发商和思想领袖。艾德的先进系列KVM交换机、扩展器和IP解决方案，可实现对整个企业内部、远程和全球IT系统的控制。

如需了解更多信息，请访问：
<http://www.adder.com>

相关产品

艾德公司提供多种产品以满足您的需求。您可能感兴趣的其他产品包括：

ADDERView 4PRO DVI
AV4PRO-DVI



ADDERView 4PRO
显示端口
AV4PRO-DP



ADDERView 4PRO MS
AV4PRO-VGA-双显卡；
AV4PRO-VGA-三显卡；
AV4PRO-VGA-四显卡



ADDERView 8PRO
AV8PRO-DVI



技术规格

硬件兼容性

所有带有USB接口的计算机

软件兼容性

可与所有已知的软件和操作系统一起运行，包括 Windows（所有）、DOS、Linux、Unix、BSD、所有 Sun OS、所有 Mac OS、NetWare 等。

交换机上的计算机连接

USB 2.0 B 型，高分辨率 VGA（最多 4 个接口），3.5mm 立体声插孔

本地 KVM 控制台连接

视频：VGA，键盘/鼠标：2 x USB A 型，交换式 USB：2 x USB 2.0 A 型
USB 真实模拟：支持各端口的键盘和鼠标模拟。支持低速 HID USB 2.0 设备。音频：3.5mm 立体声插孔。其他连接选项：支持闪存升级功能，可与其他 AV4PRO-VGA 和 RS232 触发电源开关实现同步控制。模块化设计的 10P10C 接口

实体设计

2.5U 高金属箱
260mm (w), 150mm (d), 100mm (h)

电源连接

2.5mm DC 插孔（含电源适配器），100-240VAC 50/60Hz 输入到电源适配器，5VDC 2A 输出
电源适配器

工作温度

0到40°C/32到104°F

批准

CE，面心立方

订购信息

AV4PRO-VGA-XX: ADDERView PRO 4端口版本

无权或无保障 = 主导国家代码：
英国 = 联合王国
美国 = 美国
欧盟 = 欧洲
美国陆军 = 澳大利亚

其他配件

RMK3: 机架安装套件
VSC18: 2米VGA模拟视频线
VSC24: 2米USB线（A型到B型）
VSC22: 2米音频线
VSC40: 闪存升级适配器和标准3米跳线RC4-8P8C: RC4遥控器和标准3米跳线



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ADDER技术
萨克森路，巴尔山，
英国剑桥，CB23 8SL
电话：+44 (0)1954 780044 传真：+44 (0)1954 780081
电子邮箱：sales@adder.com www.adder.com

ADDER公司
350R Merrimac St.
美国马萨诸塞州纽伯里波特市，邮编01950
电话：+1 888 932 3337 传真：+1 888 275 1117
电子邮箱：usasales@adder.com www.adder.com

亚洲太平洋地区附加技术
8 伯恩路
#04-10 Trivex, 新加坡369977
电话：+65 6288 5767 传真：+65 6284 1150
电子邮箱：asiasales@adder.com www.adder.com

