



Command and control multi-viewer switch for sharing 4K video, keyboard and mouse, plus audio between four computers. Innovative hybrid DisplayPort™ and HDMI® input ports for flexible connectivity from a single computer.

The ADDERView® CCS-MV, a desktop multi-viewer switch, provides simultaneous, real-time 4K KVMA access of up to four computers from a single workstation. Users can instantly take control of the target computer by simply moving the mouse between windows, providing the experience of a single desktop.

ADDERView® CCS-MV 4224 Multi-Viewer

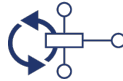
Switches

Features



Video Performance

Up to UHD 4K video output resolution is generated, thus providing a crystal clear display, even with a quad window layout.



Automatic Switching

Natural automatic switching of KVM and audio control between ports without the need to press any buttons. Simply move the mouse between windows.



Flexible Screen Layout

Use preset window layouts, or move and resize windows to create custom layouts. Dual output ports allow for extended or duplicated displays.



Flexible Computer Connections

Connect to a combination of single and dual-head computers with either DisplayPort, HDMI® or DVI connectors.



命令和控制多视图切换器，用于在四台计算机之间共享4K视频、键盘和鼠标以及音频。
创新的混合DisplayPort™和HDMI®输入端口，可从单台计算机实现灵活连接。

ADDERView®CCS-MV是一款桌面多视图切换器，可从单个工作站同时实时访问多达四台计算机的4K KVM。用户只需在窗口之间移动鼠标，即可立即控制目标计算机，提供单个桌面的体验。

ADDERView®CCS-MV 4224多观察器

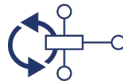


功能



视频性能

生成高达UHD 4K视频输出分辨率，从而提供清晰的显示，即使使用四窗口布局。



自动切换

无需按任何按钮，即可在端口之间自然自动切换KVM和音频控制。

只需在窗口之间移动鼠标即可。



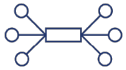
灵活的屏幕布局

使用预设窗口布局，或移动和调整窗口大小以创建自定义布局。双输出端口允许扩展或复制显示。



灵活的计算机连接

通过DisplayPort、HDMI®或DVI连接器，可与单头和双头计算机的组合连接。



Matrix Integration

The ADDERView CCS-MV 4224 may be connected to the ADDERLink® INFINITY matrix system. This allows the user to control any four computers connected to the matrix network.



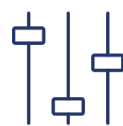
Analog Audio

Bi-directional analog audio. An audio 'hold' facility assigns the audio connection to a specific computer while the KVM is switched to another computer. Useful when a user needs to talk to one channel, while working on another.



Copy and Paste

Copy text between Windows 10 computers using standard keyboard, Ctrl+C and Ctrl+V commands.



Digital Audio Mixer

Option to combine audio signal from multiple HDMI channels. Adjust the volume level for each channel.



Remote Control

Select layout presets and input channels remotely for control room applications where the displays are used to aid situational awareness.



Channel Identification

Reduce the chances of operator error by displaying a meaningful name for each channel. The port LED and window border colors may also be configured.



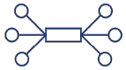
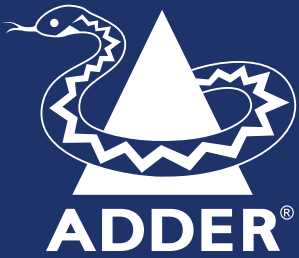
USB Performance

Emulated USB2.0 ports for fast switching of HID (Human Interface Devices), such as keyboard and mouse. Hi-speed USB3.0 switched port for mass storage and isochronous devices, including flash drives, headsets and webcams.



Ergonomic Solution

Declutter the workspace, improve ergonomics and deliver better situational awareness.



矩阵整合

ADDERView CCS-MV 4224 可连接至 ADDERLink®INFINITY 矩阵系统。这使得用户能够控制连接到矩阵网络的任意四台计算机。



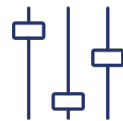
模拟音频

双向模拟音频。音频“保持”功能可将音频连接指定给特定计算机，同时将 KVM 切换到另一台计算机。当用户需要与一个通道通话，同时处理另一个通道时，该功能非常有用。



复制并粘贴

使用标准键盘、Ctrl+C 和 Ctrl+V 命令在 Windows 10 计算机之间复制文本。



数字音频混合器

可将多个 HDMI 通道的音频信号组合在一起。为每个通道调节音量级别。



远程控制

在控制室应用中，选择布局预设和输入通道，以便远程使用显示器来辅助态势感知。



通道标识

通过显示每个通道的有意义名称，降低操作员错误的可能性。端口 LED 和窗口边框颜色也可以进行配置。



USB性能

模拟 USB2.0 端口，用于快速切换 HID（人机接口设备），如键盘和鼠标。高速 USB3.0 交换端口，用于大容量存储设备和等时设备，包括闪存驱动器、耳机和网络摄像头。



人体工学解决方案

清理工作空间，改善人体工学，并提供更好的态势感知。

Video Information (1 Screen)	
Maximum Resolution (1 Screen)	UHD 4k (3840x2160) at 4:4:4
Frame Rate (1 Screen)	30
Color Depth (1 Screen)	8 bpc
Video Information (2 Screen)	
Maximum Resolution (2 Screens)	UHD 4k (3840x2160) at 4:4:4
Frame Rate (2 Screens)	30
Color Depth (2 Screen)	8 bpc
Computer Connections	
USB B	4x 2.0, Full Speed
USB B	4x 3.0, High Speed
Dual Port (DP+HDMI)	4x 1.2 (dual mode)
Console Connections	
USB A	2x 2.0, HID Emulation
USB A	4x 3.0, High Speed
HDMI®	2x
Serial Ports	
Serial Connection	1x RS232
Serial Additional Information	For remote control
Serial Connection Type (console)	RJ12 (6p6c)
Audio Connections	
Audio Type	Analog/Digital
Channels	2x
Audio Direction	Bi-directional
Audio Additional Information	Bi-directional analog audio, plus digital output
Audio In Port	1x 3.5mm jack
Audio Out Port	1x 3.5mm jack
Environmental	
Operating Temperature Range °C / °F	0 to 40 °C / 32 to 104 °F
Storage Temperature °C / °F Range	-20 to 60 °C / -4 to 140 °F
Operating Humidity (%)	0% - 80% (non-condensing)
Storage Humidity (%)	0% - 80% (non-condensing)
Mean Time Between Failure (MTBF)	84,000 h
Warranty	2 y

视频信息（1个屏幕）		
最大分辨率（1个屏幕）		UHD 4k（3840x2160），4：4：4
帧速率（1屏幕）		30
色彩深度（1屏幕）		8 bpc
视频信息（2屏）		
最大分辨率（2个屏幕）		UHD 4k（3840x2160）以4：4：4的格式
帧速率（2个屏幕）		30
色彩深度（2屏幕）		8 bpc
计算机连接		
USB B		4x 2.0，全速
USB B		4x 3.0，高速
双端口（DP+HDMI）		4x 1.2（双模式）
控制台连接		
USB A		2x 2.0，HID模拟
USB A		4x 3.0，高速
HDMI®		2x
串行端口		
串行连接		1x RS232
串行附加信息		用于远程控制
串行连接类型（控制台）		RJ12 (6p6c)
音频连接		
音频类型		模拟/数字
频道		2x
音频方向		双向
音频附加信息		双向模拟音频，加上数字输出
音频输入端口		1×3.5mm插孔
音频输出端口		1x 3.5mm插孔
环境的		
工作温度范围°C/°F		0至40°C/32至104°F
储存温度°C/°F范围		-20至60°C/-4至140°F
工作湿度（%）		0%-80%（非冷凝）
储存湿度（%）		0%-80%（非冷凝）
平均故障间隔时间（MTBF）		84,000 h
质保		2 y

Temperature Regulation	Fanless
Power Source	
12V 3-pin	1x
Input Power Supply	PSU 2.5A
Power Additional Information	100-240V AC, 47/63Hz. 12V DC 30W output from power supply unit
Power Consumption	
Maximum Power (Watts)	30
Maximum Power (Volts)	12
Maximum Power (Current)	2.5
Physical Design	
Construction Material	Robust metal construction
Width (mm) / (in.)	344 / 13.5
Height (mm) / (in.)	44 / 1.7
Depth (mm) / (in.)	161 / 6.3
Weight (kg) / (lb)	1.6 / 3.5
Front Panel Features	
Multi color status LEDs	4x
E-Paper Display	1x
Audio Hold	1x
Compatibility	
OS Compatibility	Windows, Linux, macOS
Approvals and Standards	
Approvals	CE, cTUVus, FCC, ICES, RCM, UKCA
Standards	ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B
Other	Cal Prop 65, China ROHS, EU REACH, UK REACH

温度调节	无风扇
电源	
12V 3-pin	1x
输入电源	PSU 2.5A
电源附加信息	100-240V AC，47/63Hz。电源单元输出12V DC 30W
耗电量	
最大功率（瓦特）	30
最大功率（伏特）	12
最大功率（电流）	2.5
物理设计	
施工材料	坚固的金属结构
宽度（mm） / （in.）	344 / 13.5
身高（mm） / （in.）	44 / 1.7
深度（mm） / （in.）	161 / 6.3
重量（kg） / （lb）	1.6 / 3.5
前面板功能	
多色状态指示灯	4x
电子纸显示器	1x
音频保持	1x
兼容性	
操作系统兼容性	Windows、Linux和macOS
批准和标准	
批准	CE、cTUVus、面心立方、ICES、RCM、UKCA
标准	ANSI 63.4、EN/IEC 62368-1、EN55032 /CISPR 32、 EN55035/CISPR 35、EN61000-3-2、EN61000-3-3、 EN63000、面心立方pt15B
其他的	加州65号提案、中国ROHS、欧盟REACH、英国REACH



What's in the Box?

1x 4-port 4K multi-viewer switch

1x Power supply unit with universal mains cable

1x Quick start guide

Ordering Information

CCS-MV4224 ADDERView® CCS Multi-Viewer 4-port 4K switch

Related Accessories (Sold Separately)

ADDER® VSC24 USB Cable

ADDER® VSCD15 HDMI® Cable

ADDER® Rackmount Kit RMK13

ADDER® VSCD DisplayPort™ Cable

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盒内有什么？

1×4端口4K多画面切换器

1个电源装置，带通用电源线

1x快速入门指南

订购信息

CCS-MV4224 ADDERView®中国化学会多观察器4端口4K交换机

相关配件（单独出售）

ADDER®VSC24 USB线缆

ADDER®VSCD15 HDMI®电缆

ADDER®机架安装套件RMK13

ADDER®VSCD DisplayPort™ 电缆

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