





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

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.





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.

Copy and Paste

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

Remote Control

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

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.

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.

Digital Audio Mixer

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

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.

Ergonomic Solution

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

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
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

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

Adder and the Adder logo are trademarks of Adder Technology Ltd, Cambridge, UK. All other trademarks are the property of their respective owner and may be registered in the United States Patent and Trademark Office and in other countries. Information contained in this data sheet is up-to-date and correct as at the date of issue. As Adder Technology cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of planned use. Images are for illustrative purposes only. Adder reserves the right to make changes to this specification without notice.

Copyright 2026 | Adder Technology Ltd.