





Command and control multi-viewer switch for sharing 4K video, keyboard and mouse, plus audio between eight computers. Innovative hybrid DisplayPort™ and HDMI® video 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 eight 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 4228 Multi-Viewer

Video Performance

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

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.

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 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 4228 may be connected to the ADDERLink® INFINITY matrix system. This allows the user to control any eight 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 USB 2.0 switched port for mass storage and isochronous devices, including flash drives, headsets and web cams.

Analog Audio

Output 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.

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	8x 2.0, True Emulation (HID Only)
USB B	8x 2.0, High Speed
Dual Port (DP+HDMI)	8x 1.2 (dual mode)

Console Connections	
USB A	2x 2.0, HID Emulation
USB A	1x 2.0, High Speed
Dual Port (DP & HDMI)	2x 1.2 (dual mode)

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	Output only
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)
Warranty	2 y
Temperature Regulation	Built-in Fan

Power Source	
12V 3-pin	1x
Input Power Supply	PSU 4A
Power Additional Information	100-240V AC, 47/63Hz. 12V DC 48W output from power supply unit

Power Consumption	
Maximum Power (Watts)	36
Maximum Power (Volts)	12
Maximum Power (Current)	3

Physical Design	
Construction Material	Robust metal construction
U size	2
Width (mm) / (in.)	439 / 17.3
Height (mm) / (in.)	58 / 2.3
Depth (mm) / (in.)	237 / 9.3
Weight (kg) / (lb)	3.8 / 8.4

Front Panel Features	
Multi color status LEDs	8x
E-Paper Display	1x
USB Hold	1x
Audio Hold	1x

Compatibility	
OS Compatibility	Windows, Linux, macOS

Approvals and Standards	
Approvals	CE, cTUVus, FCC, ICES, 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 8-port 4K multi-viewer switch
1x Power supply unit with universal mains cable
1x Quick start guide

Ordering Information	
CCS-MV4228	ADDERView® CCS Multi-Viewer 8-port 4K switch

Related Accessories (Sold Separately)
ADDER® Rackmount Kit RMK14
ADDER® VSCD15 HDMI® Cable
ADDER® VSC24 USB Cable
ADDER® VSCD DisplayPort™ Cable

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