



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

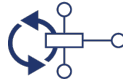
Switches

### Features



#### Video Performance

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



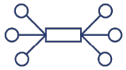
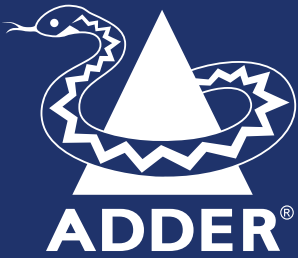
#### Flexible Screen Layout

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 4228 may be connected to the ADDERLink® INFINITY matrix system. This allows the user to control any eight computers connected to the matrix network.



### 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.



### 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 USB 2.0 switched port for mass storage and isochronous devices, including flash drives, headsets and web cams.

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 - 40 °C / 32 - 104 °F
Storage Temperature °C / °F Range	-20 - 60 °C / -4 - 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

<b>Input Power Supply</b>	PSU 4A
<b>Power Additional Information</b>	100-240V AC, 47/63Hz. 12V DC 48W output from power supply unit
<b>Power Consumption</b>	
<b>Maximum Power (Watts)</b>	36
<b>Maximum Power (Volts)</b>	12
<b>Maximum Power (Current)</b>	3
<b>Physical Design</b>	
<b>Construction Material</b>	Robust metal construction
<b>U size</b>	2
<b>Width (mm) / (in.)</b>	439 / 17.3
<b>Height (mm) / (in.)</b>	58 / 2.3
<b>Depth (mm) / (in.)</b>	237 / 9.3
<b>Weight (kg) / (lb)</b>	3.8 / 8.4
<b>Front Panel Features</b>	
<b>Multi color status LEDs</b>	8x
<b>E-Paper Display</b>	1x
<b>USB Hold</b>	1x
<b>Audio Hold</b>	1x
<b>Compatibility</b>	
<b>OS Compatibility</b>	Windows, Linux, macOS
<b>Approvals and Standards</b>	
<b>Approvals</b>	CE, cTUVus, FCC, ICES, UKCA
<b>Standards</b>	ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B
<b>Other</b>	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

---

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.