

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

#### **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 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	
- Circle Double	

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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