



**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.

### 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.



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### 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)

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Maximum Resolution (1 Screen)</b> | UHD 4k (3840x2160 ) at 4:4:4 |
| <b>Frame Rate (1 Screen)</b>         | 30                           |
| <b>Color Depth (1 Screen)</b>        | 8 bpc                        |

### Video Information (2 Screen)

|                                       |                              |
|---------------------------------------|------------------------------|
| <b>Maximum Resolution (2 Screens)</b> | UHD 4k (3840x2160 ) at 4:4:4 |
| <b>Frame Rate (2 Screens)</b>         | 30                           |
| <b>Color Depth (2 Screen)</b>         | 8 bpc                        |

### Computer Connections

|                            |                    |
|----------------------------|--------------------|
| <b>USB B</b>               | 4x 2.0, Full Speed |
| <b>USB B</b>               | 4x 3.0, High Speed |
| <b>Dual Port (DP+HDMI)</b> | 4x 1.2 (dual mode) |

### Console Connections

|              |                       |
|--------------|-----------------------|
| <b>USB A</b> | 2x 2.0, HID Emulation |
| <b>USB A</b> | 4x 3.0, High Speed    |
| <b>HDMI®</b> | 2x                    |

### Serial Ports

|   |                    |
|---|--------------------|
| <b>Serial Connection</b>                | 1x RS232           |
| <b>Serial Additional Information</b>    | For remote control |
| <b>Serial Connection Type (console)</b> | RJ12 (6p6c)        |

### Audio Connections

|                                     |  |
|-------------------------------------|--|
| <b>Audio Type</b>                   | Analog/Digital                                   |
| <b>Channels</b>                     | 2x   |
| <b>Audio Direction</b>              | Bi-directional                                   |
| <b>Audio Additional Information</b> | Bi-directional analog audio, plus digital output |
| <b>Audio In Port</b>                | 1x 3.5mm jack                                    |
| <b>Audio Out Port</b>               | 1x 3.5mm jack                                    |

### Environmental

|  |                             |
|--|-----------------------------|
| <b>Operating Temperature Range °C / °F</b> | 0 to 40 °C / 32 to 104 °F   |
| <b>Storage Temperature °C / °F Range</b>   | -20 to 60 °C / -4 to 140 °F |
| <b>Operating Humidity (%)</b>              | 0% - 80% (non-condensing)   |
| <b>Storage Humidity (%)</b>                | 0% - 80% (non-condensing)   |

|   |  |
|---|--|
| <b>Mean Time Between Failure (MTBF)</b> | 84,000 h   |
| <b>Warranty</b>                         | 2 y  |
| <b>Temperature Regulation</b>           | Fanless  |
| <b>Power Source</b>                     |  |
| <b>12V 3-pin</b>                        | 1x   |
| <b>Input Power Supply</b>               | PSU 2.5A   |
| <b>Power Additional Information</b>     | 100-240V AC, 47/63Hz. 12V DC 30W output from power supply unit   |
| <b>Power Consumption</b>                |  |
| <b>Maximum Power (Watts)</b>            | 30   |
| <b>Maximum Power (Volts)</b>            | 12   |
| <b>Maximum Power (Current)</b>          | 2.5  |
| <b>Physical Design</b>                  |  |
| <b>Construction Material</b>            | Robust metal construction  |
| <b>Width (mm) / (in.)</b>               | 344 / 13.5   |
| <b>Height (mm) / (in.)</b>              | 44 / 1.7   |
| <b>Depth (mm) / (in.)</b>               | 161 / 6.3  |
| <b>Weight (kg) / (lb)</b>               | 1.6 / 3.5  |
| <b>Front Panel Features</b>             |  |
| <b>Multi color status LEDs</b>          | 4x   |
| <b>E-Paper Display</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, RCM, 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  |



## ADDERView® CCS-MV 4224 Multi-Viewer

### 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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