



ADDERView® CCS-MV 4228

Multi-Viewer



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.

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.

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 USB2.0 switched port for mass storage and isochronous devices, including flash drives, headsets and web cams.

Flexible computer connections

Connect to a combination of single and dual-head computers with either DisplayPort, HDMI or DVI connectors.

Analog audio

Output analog audio. An audio 'Hold' facility assigns the audio connection to a specific computer whilst the KVM is switched to another. Useful when a user needs to talk to one channel, whilst working on another.

Digital audio mixer

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

Copy & Paste

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

Matrix integration

The ADDERView® CCS-MV 4228 may be connected to the ADDERLink® INFINITY matrix system. This allows the user to control any 8 computers connected to the matrix network.

Remote control

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

Product in Brief

The ADDERView® CCS-MV, a desktop multi-viewer switch, provides simultaneous, real-time 4K KVMA (Keyboard, Video, Mouse and Audio) 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.

- Directly connect a single workstation to eight video, audio and USB sources
- Access any number of sources on a network when combined with an ADDERLink® INFINITY IP KVM Matrix
- Seamless cursor interaction with sources as if using a single desktop
- Color-coded identifiers plus configurable name for fast channel identification
- Multiple window layouts for real-time data visualization and improved decision making
- Enhanced, decluttered workspace ergonomics and improved situational awareness.

Technical Specifications

Operating Systems and Compatibility

- Windows, Linux, macOS

Video resolutions (Up to two screens)

- UHD 4k (3840x2160) at 4:4:4
- Frame Rate: 30
- Color Depth: 8 bpc

Computer Connections

- 2 x USB B 2.0 (True Emulation (HID), Hi-Speed)
- 1 x DisplayPort™ (Dual Port - DP+HDMI)

Console Connections

- 2 x USB A 2.0 (True Emulation (HID), Hi-Speed)
- 1 x DisplayPort™ (Dual Port - DP+HDMI)

Audio

- Audio Type: Analog/Digital
- Channels: 2
- Analog Audio Out Port Type: 1x 3.5mm jack
- Digital audio out Port Type: HDMI

Serial Ports

- 1 x RS232, For remote control
- Serial Type Connection RJ12 (6p6c)

Front Panel Features

- 8 x Multi colour status LEDs
- 1 x E-Paper Display
- 1 x Audio Hold button
- 1 x Hi-Speed USB Hold button

Physical design

- Robust metal construction
- Width: 439mm/17.3in
- Height: 58mm/2.3in
- Depth: 237mm/9.3in
- Weight: 3.8kg/8.4lb

Power

- Power type: 1 x 12V 3-pin Kycon
- Input Power Supply: PSU 4A
- Maximum power (Watts): 36
- Maximum Power (Volts): 12
- Maximum power (Current): 3
- Additional Information: 100-240V AC, 47/63Hz. 12V DC 48W output from power supply unit.

Environmental

- Operating temperature: 0 - 40°C/32 - 104°F
- Storage temperature: -20 - 60°C/-4 - 140°F
- Storage and operating humidity: 0% - 80% (non-condensing)
- Temperature Regulation: Built-in fan
- Warranty: 2 years

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



ADDERView CCS-MV 4228 - Front



ADDERView CCS-MV 4228 - Rear

Ordering Information

CCS-MV 4228: ADDERView® Multi-Viewer 8-port 4K switch

What's in the Box?

- 1x ADDERView® CCS-MV 4228 - 8-port 4K multi-viewer switch
- 1x Power supply unit with universal mains cable
- 1x Quick start guide

Accessories (Sold separately)

- RMK14:** Rackmount kit
- VSCD18:** 2m/6.5ft DisplayPort™ video cable
- VSCD15:** 2m/6.5ft HDMI® video cable
- VSC22:** 2m/6.5ft Audio cable
- VSC24:** 2m/6.5ft USB cable Type A to Type B

About Adder

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs.

Adder has offices in China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

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ADDER®
THE IP KVM PEOPLE

DATA SHEET