

2x2 HDMI Video Wall Controller - 4K 60Hz HDMI 2.0 Video Input to 4x 1080p Output - Video Wall Processor for Multi Screen Display - Video Wall Splitter - RS232/Ethernet Control - TAA

**Product ID:** ST124HDVW



This video wall controller lets you connect your HDMI video source to multiple HDMI displays, with support for Ultra HD resolutions and 7.1 surround sound audio. You can use the controller as a video splitter to distribute the same HDMI signal to four displays or you can combine your video source across four displays to create a 2x2 video wall.

Not all 2x2 video wall matrix controllers are created equal. While some HDMI 1.4 video wall controllers can achieve 4K resolutions, they'll only work at a 30Hz refresh rate. This 4K 60Hz HDMI video wall processor offers full support for HDMI 2.0, including true 4K resolution at 60Hz.

The HDMI video wall splitter supports HDCP 2.2 and is backward compatible with 4K 30Hz and 1080p displays. This ensures that it will work with lower resolution displays such as TVs around your site or in your digital signage application.

For hassle-free setup, the 4K HDMI splitter offers easy plug-and-play installation. Simply connect your source and 4 displays and the 4k video wall splitter will automatically create a video wall at the appropriate resolution.

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

The ST124HDVW is backed by a 2-year StarTech.com warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Create versatile 4K digital signage using multiple TVs
- 2x2 video wall function allows you to combine four separate displays into one large format display

## Features

- **2x2 HDMI VIDEO WALL CONTROLLER:** Hardware-based video wall processor can split & scale a 4K 60Hz (4096x2160) HDMI video input into 4x HDMI 1080p output signals to create a large image across 4 displays for digital signage; 7.1ch audio, HDCP 2.2/1.4
- **EASY SETUP:** The 2x2 video wall setup is pre-configured by default; HDMI video wall splitter w/ EDID emulation allows source video to be detected and properly split w/ the correct video format; Bezel compensation ensures accurate image display
- **SERIAL & IP CONTROL:** Features RS232 & Ethernet ports for input/output control & configuration features w/the Windows-only app, command line, Telnet/UDP; Various layouts: 2x2/1x1/1x4/mirror-duplication
- **MOUNT ANYWHERE:** Flexible environment/system setup with durable & ventilated metal housing; Built-in mounting brackets for wall/surface mount; Supports screw locking cables (HDMI & power); ESD protection
- **STARTECH.COM ADVANTAGE:** IT professionals choice for over 30 years; 4-screen video wall controller backed for 2-years by StarTech.com incl. free 24/5 North America based multi-lingual tech support

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### Hardware

|           |            |
|-----------|------------|
| Warranty  | 2 Years    |
| AV Input  | HDMI - 2.0 |
| AV Output | HDMI - 2.0 |
| Audio     | Yes        |

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### Performance

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| Video Revision        | HDMI 2.0                                                                                 |
| Supported Resolutions | HDMI: 4096x2160 (4K) / 60Hz<br>Additional resolutions and refresh rates may be supported |
| Wide Screen Supported | Yes                                                                                      |
| Audio Specifications  | HDMI - 7.1 Channel Audio                                                                 |

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### Connector(s)

|             |                   |
|-------------|-------------------|
| Connector A | 1 - HDMI (19 pin) |
|-------------|-------------------|

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| Connector B                     | 1 - RJ-45                                                    |
|                                 | 1 - DB 9-pin Serial                                          |
|                                 | 1 - USB 2.0 Type-A (4 pin, 480Mbps)                          |
|                                 | 4 - HDMI (19 pin)                                            |
| <b>Indicators</b>               |                                                              |
| LED Indicators                  | 1 - Video Input (IN)<br><br>4 - Video Output (OUT - A,B,C,D) |
| <b>Power</b>                    |                                                              |
| Power Source                    | AC Adapter Included                                          |
| Input Voltage                   | 100 - 240 AC                                                 |
| Input Current                   | 1A                                                           |
| Output Voltage                  | 24 DC                                                        |
| Output Current                  | 1.25A                                                        |
| Center Tip Polarity             | Positive                                                     |
| Plug Type                       | M                                                            |
| <b>Environmental</b>            |                                                              |
| Operating Temperature           | 0C to 40C (32F to 104F)                                      |
| Storage Temperature             | -20C to 60C (-4F to 140F)                                    |
| Humidity                        | 20-90%RH (non- condensing)                                   |
| <b>Physical Characteristics</b> |                                                              |
| Color                           | Black                                                        |
| Material                        | Steel                                                        |
| Product Length                  | 8.3 in [21.2 cm]                                             |
| Product Width                   | 6.2 in [15.8 cm]                                             |
| Product Height                  | 1.8 in [4.5 cm]                                              |

|                              |                           |                             |
|------------------------------|---------------------------|-----------------------------|
|                              | Weight of Product         | 2.3 lb [1.0 kg]             |
| <b>Packaging Information</b> |                           |                             |
|                              | Package Quantity          | 1                           |
|                              | Package Length            | 11.9 in [30.2 cm]           |
|                              | Package Width             | 10.4 in [26.3 cm]           |
|                              | Package Height            | 2.8 in [7.0 cm]             |
|                              | Shipping (Package) Weight | 3.5 lb [1.6 kg]             |
| <b>What's in the Box</b>     |                           |                             |
|                              | Included in Package       | 1 - 2x2 Video Wall Splitter |
|                              |                           | 1 - Manual                  |
|                              |                           | 1 - Universal Power Supply  |
| <b>Warranty Information</b>  |                           |                             |
|                              | Warranty                  | 2 Years                     |

***\*Product appearance and specifications are subject to change without notice.***