

## 2-Port HDMI Switch - 4K 60Hz

**Product ID:** VS221HD20



This 2-port HDMI switch lets you share an HDMI 2.0 display or projector with two HDMI 2.0 video sources. The switch features two independent video inputs that can each support 4K resolution at 60Hz, making it the perfect solution for connecting two video sources to a display that has a limited number of HDMI 2.0 ports.

This HDMI switch lets you harness the High Dynamic Range (HDR) capability of your HDMI 2.0 video sources and deliver it to your UHD 4K60 display. Unlike many 4K switches that only support a 30Hz refresh rate, this switch works with HDMI 2.0 displays with output resolutions of up to 3840 x 2160p at 60Hz.

Don't be fooled by a clever spin on old technology. Many HDMI switches support 4K but will only work at a 30Hz refresh rate, or claim support for 60Hz but heavily compress their signal to a lower 4:2:0 chroma subsampling in order to work at inferior bitrates. This 4K 60Hz HDMI switch uses the latest components to offer full support for your HDMI 2.0 equipment, supporting true 4K resolution at 60Hz with 4:4:4 chroma subsampling. Support for HDMI 2.0 devices means this switch can transmit bandwidth up to 18Gbps, making it an ideal video solution for high-resolution computer tasks.

The HDCP 2.2 HDMI switch is backward compatible with 4K 30Hz and 1080p displays, which ensures that it will work with lower resolution displays such as TVs or projectors around your site or in your digital signage application.

This switch ensures effortless operation with automatic switching that detects and selects a newly connected device, perfect for automatically switching to a 4K media player such as a 4K UHD Blu-ray player as soon as it's switched on. In your classroom or office boardroom, the automatic switch makes it easy to share your projector between multiple sources, which encourages on-the-fly collaboration among colleagues.

The HDMI switch also supports manual operation, using the included IR remote control or the built-in front panel toggle switch.

The VS221HD20 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Share a 4K60 display with two different video sources
- Collaborate on the fly with colleagues, by connecting multiple users to the same display and switching between input devices
- Use in digital signage applications to display multiple source devices at different times

## Features

- Astonishing picture quality with support for 4K 60Hz
- Hassle-free operation with automatic 2-port switching and an IR remote control included
- 7.1 surround sound
- Front-panel toggle switch button

---

### General

|                  |              |
|------------------|--------------|
| UPC              | 065030866255 |
| Package Quantity | 1            |
| Warranty         | 2 Years      |

---

### Power

|                   |                     |
|-------------------|---------------------|
| Power Source      | AC Adapter Included |
| Input Voltage     | 100 - 240 AC        |
| Input Current     | 0.4 A               |
| Output Voltage    | 5 DC                |
| Output Current    | 2                   |
| Plug Type         | M                   |
| Power Consumption | 10                  |

---

### Physical &

## Environmental

|                       |                           |
|-----------------------|---------------------------|
| Color                 | Black                     |
| Material              | Steel                     |
| Product Length        | 3.1 in [80.0 mm]          |
| Product Width         | 2.0 in [50.0 mm]          |
| Product Height        | 0.8 in [20.0 mm]          |
| Weight of Product     | 3.7 oz [105.0 g]          |
| Operating Temperature | 0C to 40C (32F to 104F)   |
| Storage Temperature   | -10C to 80C (14F to 176F) |
| Humidity              | 10% to 85% RH             |

## Performance

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| General Specifications      | Lower resolutions are also supported                                                                      |
| Maximum Digital Resolutions | 4K @ 60 Hz                                                                                                |
| Supported Resolutions       | 3840x2160 (4K) 60Hz<br>2560x1600 60Hz<br>1920x1200 60Hz<br>1920x1080 (1080p) 60Hz<br>1280x720 (720p) 60Hz |
| Wide Screen Supported       | Yes                                                                                                       |

## Hardware

|                    |                                 |
|--------------------|---------------------------------|
| AV Input           | HDMI                            |
| Number of Ports    | 2                               |
| AV Output          | HDMI                            |
| Audio              | Yes                             |
| Industry Standards | HDMI 2.0                        |
| LED Indicators     | 2 - input LEDs<br>1 - power LED |

---

**Packaging &  
In-the-Box**

|                              |                                               |
|------------------------------|-----------------------------------------------|
| Included in Package          | 1 - HDMI video switch                         |
|                              | 1 - IR remote control (with CR2025 battery)   |
|                              | 1 - universal power adapter (NA, EU, UK, ANZ) |
| Package Width                | 8.5 in [21.5 cm]                              |
| Package Depth                | 5.9 in [15 cm]                                |
| Package Height               | 2.1 in [54 mm]                                |
| Shipping (Package)<br>Weight | 13.6 oz [384 g]                               |

---

**Connector(s)**

|                        |      |
|------------------------|------|
| Connector 1 (Quantity) | 2    |
| Connector 1            | HDMI |
| Connector 2 (Quantity) | 1    |
| Connector 2            | HDMI |

---

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