Data Sheet

4-Port HDMI Automatic Switch - 4K 60Hz

Product ID: VS421HD20



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

Astonishing picture quality with support for Ultra HD 4K at 60Hz

The HDCP 2.2 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 ideal for high-resolution computer tasks.

The 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 a digital signage application.

Hassle-free Operation with automatic switching

This switch ensures effortless operation with automatic switching that detects and selects a newly connected device. It's 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 VS421HD20 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility











Applications

- Share 4K60 display with four 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 4-port switching and an IR remote control included
- 7.1 surround sound
- Front-panel toggle-switch button

	Warranty	2 Years
Hardware	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Industry Standards	HDMI 2.0
	Ports	4
Performance	Audio Specifications	7.1 Surround sound
	General Specifications	Lower resolutions are also supported
	Maximum Digital Resolutions	4K @ 60 Hz
	Supported Resolutions	3840x2160 (4K) 60Hz 2560x1600 60Hz 1920x1200 60Hz 1920x1080 (1080p) 60Hz 1280x720 (720p) 60Hz
	Wide Screen Supported	Yes
Connector(s)	Connector A	4 - HDMI (19 pin) Female Input
	Connector B	1 - HDMI (19 pin) Female Input
Indicators	LED Indicators	4 - input LEDs
		1 - power LED
Power	Input Current	0.4 A
	Input Voltage	100 - 240 AC
	Output Current	2000 mA
	Output Voltage	5 DC
	Plug Type	H
	Power Source	AC Adapter Included
Environmental	Humidity	10% to 85% RH
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 80°C (14°F to 176°F)
Physical Characteristics	Color	Black
	Product Height	2 cm [0.8 in]
	Product Length	12.3 cm [4.8 in]
	Product Width	51 mm [2 in]
	Weight of Product	152 g [5.4 oz]

Packaging Information	Package Height	53 mm [2.1 in]
	Package Length	15.1 cm [5.9 in]
	Package Width	22 mm [0.9 in]
	Shipping (Package) Weight	434 g [15.3 oz]
What's 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)

Product appearance and specifications are subject to change without notice.