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.

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.

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

Hardware

	Warranty	2 Years
	AV Input	HDMI
	Ports	4
	AV Output	HDMI
	Audio	Yes
	Industry Standards	HDMI 2.0

Performance

	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
	Audio Specifications	7.1 Surround sound

	General Specifications	Lower resolutions are also supported

Connector(s)

	Connector A	HDMI (19 pin)
	Connector B	HDMI (19 pin)

Indicators

	LED Indicators	input LEDs
		power LED

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.4 A
	Output Voltage	5 DC
	Output Current	2000 mA
	Plug Type	M

Environmental

	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-10C to 80C (14F to 176F)
	Humidity	10% to 85% RH

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	4.8 in [12.3 cm]
	Product Width	2.0 in [51.0 mm]
	Product Height	0.8 in [20.0 mm]
	Weight of Product	5.4 oz [152.0 g]

Packaging Information

Package Length	5.9 in [15.1 cm]
Package Width	0.9 in [22.0 mm]
Package Height	2.1 in [53.0 mm]
Shipping (Package) Weight	15.3 oz [434.0 g]

What's in the Box

Included in Package	HDMI video switch
	IR remote control (with CR2025 battery)
	Universal Power Adapter (NA, EU, UK, ANZ)

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