

4 Port HDMI KVM Switch - 4K 30Hz - Dual Display

Product ID: SV431DHD4KU



This 4-port HDMI KVM switch lets you control four HDMI computers with a single mouse, keyboard and monitor up to 4K 30Hz. The KVM also features 3.5 mm audio and a built-in 2-port USB 3.0 hub.

4K at 30Hz UHD dual display

With support for ultra-high-definition 4K 30Hz resolutions, this 4-port KVM switch can drive dual HDMI displays with crystal clarity, making it ideal for graphical applications that require UHD capability.

Convenient and cost-effective USB 3.0 peripheral sharing

This 4-port KVM switch offers two USB 3.0 ports, as well as four HID keyboard and mouse ports, so you can share peripheral devices between each computer and avoid the cost of separate equipment. The USB 3.0 hub automatically switches your connected devices to the selected computer, saving you the hassle of disconnecting and reconnecting peripherals.



Complete multimedia capability

Along with dual UHD video capability, this KVM switch features auxiliary 3.5 mm dual-channel bidirectional audio ports. This independent analog audio lets you share your analog audio devices such as speakers or a microphone between each of your connected computers, giving you complete multimedia control of your systems.

The SV431DHD4KU is backed by a StarTech.com 2-year warranty and free lifetime technical support.



Data Sheet

Certifications, Reports and Compatibility









Applications

- Ideal for applications that require two displays at high resolutions such as graphic design, medical imaging, digital signage, multimedia design across four computers
- Great for those who need to share high-speed storage between up to four systems
- Perfect for creative professional applications such as video and sound design or editing

Features

- High-definition video quality with support for dual 4K at 30Hz displays
- Two built-in USB 3.0 ports and independent HID keyboard/mouse ports
- No software or drivers required
- Separate 3.5 mm auxiliary support
- Supports push-button and hotkey switching



Hard-to-find made easy*

-	1		-		1	1	
D	a	ta	5	n	e	e	Г
-	-				-	-	•

HardwareWaranty2 YearsAudioYesKVM Ports4Number of Monitors Supported2PC ToterfaceUSBPC Video TypeHDMIRack-MountableYesParformanceMaximum Digital ResolutionsHork-Key SelectionSobsMaximum Digital ResolutionsSobsMore Section SupportedYesPortesPortselection SupportedMide Screen SupportedYesMore Consele Interface(s)2 - UBMIHost-Key Selection2 - UBMIMaximum Digital Resolutions3 - Sins Stareo Female 3 posMide Screen Supported2 - USB 3.1 USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (4 pin; Gen 1, 5 Gbps)IndicatorsE D IndicatorsHost-ConnectorsA - LED for Source Status and Selected PC 4 - Jsm Stareo Female 3 posIndicatorsE D IndicatorsIndicatorsE D IndicatorsIndicatorsCenter Tip PolarityPowerCenter Tip PolarityInput Voltage10 ~ 240 ACInput Voltage10 ~ 240 ACInput Voltage12 DCInput Voltage12					
KVM Ports4Number of Monitors Supported2PC InterfaceUSBPC Video TypeHDMIRack-MountableYesPerformanceAuto ScanMot-Key SelectionSa 15 & 30 secondsIP ControlNoMaximum Data Transfer RateSGbpsMaximum Digital Resolutions340 x2160 @ 30HzPort Selection SupportPers Bubbo and HotkeysWide Screen SupportedYesVes10 console Interface(s)Host Connectors2 -USB 3.1 USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)In Schemeter Sche		Warranty	2 Years		
Number of Monitors Supported2PC InterfaceUSBPC Video TypeHDMIRack-MountableYesPerformanceAuto Scan3, 8, 15 & 30 secondsPerformanceHot-Key SelectionYesIP ControlNoMaximum Data Transfer RateSGbpsMaximum Digital ResolutionsB40 x2160 @ 30HzPort Selection SupportedYesConnector(s)Onsole Interface(s)2 HDMIHot-Koron2 USB 3.1 USB Type-A (4 pin; HID Port) USB 1.11 - Summ Stereo Female 3 pos1 - 3.5mm Stereo Female 3 posPort Selection Supported- 2.5mm Stereo Female 3 posPowerED Indicators- 4.12B for Source Status and Selected PCPower LED- 2.0mert LEDPower LED- 1.0mert LEDPower LED- 1.0mert LEDPoutput Voltage- 0.6 AInput Voltage- 0.6 A <tr< th=""><th>Hardware</th><th>Audio</th><th colspan="3">Yes</th></tr<>	Hardware	Audio	Yes		
PC InterfaceUSBPC Video TypeHDMIRack-MountableYesPerformanceAuto Scan3,8,15 & 30 secondsHot-Key SelectionYesIP ControlNoMaximum Data Transfer RateSGbpsMaximum Digital Resolutions340 x2160 @ 30HzPort Selection SupportPush Button and HotkeysWide Screen SupportedYesConnector(s)Console Interface(s)2 HDMIAutore Screen Supported4 USB Type-A (4 pin; HID Port) USB 1.12 USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gobps)1 - 3.5mm Stereo Female 3 posIndicatorsLED Indicators8 HDMIAutore LED- 1.5 Source Status and Selected PCInput Voltage00 ~ 240 ACInput Voltage100 ~ 240 AC<		KVM Ports	4		
PC Video TypeHDMIRack-MountableYesPerformanceAtlo Scan3, 8, 15 & 30 secondsHor-Key SelectionYesIP ControlNoMaximum Data Transfer RateSobpsMaximum Digital Resolutions340 x2160 @ 30HzPort Selection SupportPush Button and HotkeysWide Screen SupportedYesConnector(s)Console Interface(s)2 HDMIHost ConnectorsSonge Interface(s)3 HDMIHost Connectors8 HDMIHost Connectors8 HDMIHost Connectors4 LED for Source Status and Selected PCIndicatorsLED Indicators4 LED for Source Status and Selected PCIndicatorsEcoter Tip PolarityPostiveInduct Current100 ~ 240 ACInput Voltage100 ~ 240 AC <th></th> <th>Number of Monitors Supported</th> <th>2</th>		Number of Monitors Supported	2		
Rack-Mountable Yes Performance Auto Scan 3, 8, 15 & 30 seconds Hot-Key Selection Yes IP Control No Maximum Data Transfer Rate SGbps Maximum Data Transfer Rate Sd40 x2160 @ 30Hz Port Selection Support Push Button and Hotkeys Wide Screen Supported Yes Connector(s) Console Interface(s) 2 - HDMI 4 - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 3 - 3.5mm Stereo Female 3 pos Host Connectors 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) - 1 - power LED Indicators EED Indicators 4 - LED for Source Status and Selected PC 1 - power LED - power LED - power LED Power Output Voltage 06 A 1 - pout Voltage 10 ow 240 AC Power Consumption (In Watts) 15 A Power Consumption (In Watts) 18W Power Source Max - Adapter Included		PC Interface	USB		
PerformanceAuto Scan3, 8, 15 & 30 secondsHot-Key SelectionYesIP ControlNoMaximum Data Transfer Rate5GbpsMaximum Digital Resolutions3840 x2160 @ 30HzPort Selection SupportPush Button and HotkeysWide Screen SupportedYesConnector(s)Console Interface(s)2 - HDMI4 - USB Type-A (4 pin; HID Port) USB 1.12 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 pos3 - 3.5mm Stereo Female 3 posHost Connectors8 - HDMI4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 posIndicatorsLED Indicators4 - LED for Source Status and Selected PCInput Current0.6 AInput Current0.6 AInput Voltage100 ~ 240 ACOutput Voltage100 ~ 240 ACOutput Voltage12 CCPung TypeMePung TypeMePung TypeMePower Consumption (In Watts)18WPower SourceAC Adapter Included		PC Video Type	HDMI		
Hot-Key SelectionYesIP ControlNoMaximum Data Transfer Rate5GbpsMaximum Digital Resolutions3840 x2160 @ 30HzPort Selection SupportPort Selection SupportedWide Screen SupportedYesConnector(s)Console Interface(s)Port Selection Supported2 HDMI4 USB Type-A (4 pin; HID Port) USB 1.12 USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 posHost Connectors8 HDMI4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 posForter Tip Polarity4 LED for Source Status and Selected PCInput Current0.6 AInput Voltage100 ~ 240 ACOutput Voltage100 ~ 240 ACInput Voltage12 DCInput Voltage12 DCPuer Consumption (In Watts)18WPower Consumption (In Watts)18W		Rack-Mountable	Yes		
PC Ontrol No Maximum Data Transfer Ratee SGbps Maximum Digital Resolutions 3840 x2160 @ 30Hz Port Selection Support Push Button and Hotkeys Wide Screen Supported Yes Connector(s) Console Interface(s) 2 - HDMI Host Connectors A - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) Host Connectors 8 - HDMI Host Connectors 8 - HDMI Host Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Host Connectors 8 - HDMI Host Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Host Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Host Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Injue Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Host Connectors 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Input Voltage 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) Input Voltage 100 ~ 240 AC Input Voltage 100 ~ 240 AC Input Voltage 100 ~ 240 AC Input Voltage 12 DC	Performance	Auto Scan	3, 8, 15 & 30 seconds		
Maximum Data Transfer Rate SGbps Maximum Digital Resolutions 3840 x2160 @ 30Hz Port Selection Support Push Button and Hotkeys Wide Screen Supported Yes Connector(s) Console Interface(s) 2 - HDMI 4 - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 1 - 3.5mm Stereo Female 3 pos Indicators ED Indicators 8 - HDMI 1 - power LED - use 1.5 Short Power Center Tip Polarity Positive Input Current 0.6 A Input Voltage 100 ~ 240 AC Input Voltage 1.5 A Puig Type Maxinum Current 1.5 A Input Voltage 1.5 A Input Voltage 1.5 A Input Source 1.5 A		Hot-Key Selection	Yes		
Maximum Digital Resolutions 3840 x2160 @ 30Hz Port Selection Support Push Button and Hotkeys Wide Screen Supported Yes Connector(s) Console Interface(s) 2 - HDMI 4 - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 3 - HDMI Host Connectors 8 - HDMI 4 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) - 3.5mm Stereo Female 3 pos Indicators LED Indicators 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) - 3.5mm Stereo Female 3 pos Indicators LED Indicators 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) - 1 - power LED - Dower LED - power LED Power Center Tip Polarity Politive Input Current 0.6 A - Input Voltage 100 ~ 240 AC - Output Voltage 100 ~ 240 AC - Input Voltage 12 DC - Input Voltage 12 DC - Input Voltage 18W - Power Consumption (In Watts) 8W - Power Source Atola		IP Control	No		
Port Selection SupportPush Button and HotkeysWide Screen SupportedYesConnector(s)Console Interface(s)2 - HDMI4 - USB Type-A (4 pin; HID Port) USB 1.12 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 pos1 - 3.5mm Stereo Female 3 posHost Connectors8 - HDMI4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps)4 - 3.5mm Stereo Female 3 posIndicatorsED Indicators4 - LED for Source Status and Selected PC1 - power LED- power LEDPowerCenter Tip PolarityPositiveInput Voltage1.5 AOutput Voltage1.5 AOutput Voltage1.5 APung TypeMentorPower Consumption (In Watts)8WPower SourceAdapter Included		Maximum Data Transfer Rate	5Gbps		
Wide Screen SupportedYesConnector(s)Console Interface(s)2 - HDMI4 - USB Type-A (4 pin; HID Port) USB 1.12 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)1 - 3.5mm Stereo Female 3 pos1 - 3.5mm Stereo Female 3 posHost Connectors8 - HDMI4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps)4 - 3.5mm Stereo Female 3 posIndicatorsLED Indicators4 - LED for Source Status and Selected PC1 - power LED1 - power LEDPowerCenter Tip PolarityPositiveInput Current0.6 AInput Voltage100 ~ 240 ACOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included		Maximum Digital Resolutions	3840 x2160 @ 30Hz		
Connector(s) Console Interface(s) 2 - HDMI 4 - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 1 - 3.5mm Stereo Female 3 pos Host Connectors 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - 3.5mm Stereo Female 3 pos Indicators LED Indicators 4 - LED for Source Status and Selected PC 1 - power LED 1.9 ower LED Power Center Tip Polarity Positive Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AC Adapter Included		Port Selection Support	Push Button and Hotkeys		
4 - USB Type-A (4 pin; HID Port) USB 1.1 2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 1 - power LED Power 0.6 A Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Voltage 12 DC Plug Type M Plug Type 18W Power Consumption (In Watts) 18W		Wide Screen Supported	Yes		
2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps) 1 - 3.5mm Stereo Female 3 pos 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 1 - power LED Power Tip Polarity Positive Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AC Adapter Included	Connector(s)	Console Interface(s)	2 - HDMI		
Host Connectors 1 - 3.5mm Stereo Female 3 pos 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - 3.5mm Stereo Female 3 pos Indicators 4 - LED for Source Status and Selected PC 1 - power LED Power Center Tip Polarity Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Current 1.5 A Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AcAdapter Included			4 - USB Type-A (4 pin; HID Port) USB 1.1		
Host Connectors 8 - HDMI 4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - 3.5mm Stereo Female 3 pos Indicators 4 - LED for Source Status and Selected PC 1 - power LED Power Center Tip Polarity Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Current 1.5 A Input Voltage 1.2 DC Input Polerup 1.2 DC Power Consumption (In Watts) 18W Power Source 18W			2 - USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)		
4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps) 4 - 3.5mm Stereo Female 3 pos Indicators 4 - LED for Source Status and Selected PC 1 - power LED Power Center Tip Polarity Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AC Adapter Included			1 - 3.5mm Stereo Female 3 pos		
Indicators LED Indicators 4 - 3.5mm Stereo Female 3 pos Indicators 4 - LED for Source Status and Selected PC 1 - power LED Power Center Tip Polarity Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Current 1.5 A Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AC Adapter Included		Host Connectors	8 - HDMI		
Indicators LED Indicators 4 - LED for Source Status and Selected PC 1 - power LED Power Center Tip Polarity Positive Input Current 0.6 A Input Voltage 100 ~ 240 AC Output Current 1.5 A Output Voltage 12 DC Plug Type M Power Consumption (In Watts) 18W Power Source AC Adapter Included			4 - USB 3.1 USB Type-B (9 pin, Gen 1, 5 Gbps)		
1 - power LEDPowerCenter Tip PolarityPositiveInput Current0.6 AInput Voltage100 ~ 240 ACOutput Current1.5 AOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included			4 - 3.5mm Stereo Female 3 pos		
PowerCenter Tip PolarityPositiveInput Current0.6 AInput Voltage100 ~ 240 ACOutput Current1.5 AOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included	Indicators	LED Indicators	4 - LED for Source Status and Selected PC		
Input Current0.6 AInput Voltage100 ~ 240 ACOutput Current1.5 AOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included			1 - power LED		
Input Voltage100 ~ 240 ACOutput Current1.5 AOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included	Power	Center Tip Polarity	Positive		
Output Current1.5 AOutput Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included		Input Current	0.6 A		
Output Voltage12 DCPlug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included		Input Voltage	100 ~ 240 AC		
Plug TypeMPower Consumption (In Watts)18WPower SourceAC Adapter Included		Output Current	1.5 A		
Power Consumption (In Watts) 18W Power Source AC Adapter Included		Output Voltage	12 DC		
Power Source AC Adapter Included		Plug Type	Μ		
		Power Consumption (In Watts)	18W		
Environmental Humidity 0%~80%		Power Source	AC Adapter Included		
	Environmental	Humidity	0%~80%		



Hard-to-find made easy*

Data Sheet

	Operating Temperature	0°C~40°C			
	Storage Temperature	-10°C~60°C			
Physical Color Characteristics		Black			
	Enclosure Type	Steel			
	Product Height	2.5 in [63 mm]			
	Product Length	5.1 in [130 mm]			
	Product Weight	2.7 lb [1.2 kg]			
	Product Width	8.7 in [220 mm]			
Packaging Information	Shipping (Package) Weight	0.4 lb [0.2 kg]			
What's in the Box	Included in Package	1 - KVM Switch			
		1 - quick-start guide			
		4 - rubber feet			
		1 - universal power adapter (NA/JP, UK, EU, ANZ)			

Product appearance and specifications are subject to change without notice.