

# 16 Port 1U Rackmount USB KVM Switch Kit with OSD and Cables

Product ID: SV1631DUSBUK



The SV1631DUSBUK 16 Port 1U Rack Mount USB KVM Switch Kit with OSD and Cables offers a well-appointed KVM switch that includes all of the cables and accessories required to connect to 16 servers or PCs right out of the box, making setup convenient and simple.

The USB KVM delivers a dependable computer management tool that allows you to control up to 16 USB-connected computers from a single keyboard, mouse and display, providing maximum control through hotkey command-based switching or front panel push-buttons, with the added configurability and convenience of an On-Screen Display.

A suitable addition to server room operations, the 16-port switch can be rackmounted into 1U of cabinet space and can be cascaded with multiple KVM switches to enable control of up to 136 computers from this single switch.

This product is TAA compliant and backed by a Startech.com 3-year warranty with free lifetime technical support.





# Certifications, Reports and Compatibility







#### **Applications**

- Effectively manage your server farms from a single console
- Useful in Software QA labs where testing is being done across multiple platforms
- Great for PC test/burn-in computer control, avoiding the cost of buying additional peripherals
- Central control for multiple systems in a Datacenter
- Systems management in Co-location/ISP facilities
- Manufacturing line computer control and management

#### **Features**

- Package includes 16x 6ft USB KVM cables
- USB Keyboard and Mouse combo supported on 1 USB connection
- OSD security option allows selected KVM ports to be passwordprotected from unauthorized use
- Auto-scan function automatically switches between connected PCs sequentially
- Cascade configuration expands system capability
- Hotkey functions allow easy computer access
- Identifies and selects computers by the names assigned
- Plug-and-play system configuration



## **Data Sheet**

Cables Included Yes Dalsy-Chain Yes KVM Ports 16 Number of Monitors Supported 1 PC Interface USB PC Video Type VGA Rack-Mountable Yes Performance Hot-Key Selection IP Control No Maximum Analog Resolutions 1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen) Maximum Number of Users 1 MTBF 158000 hours On-Screen Display Yes On-Screen Support Push Button, Hotkeys, and OSD (On Screen Display) Wide Screen Support Yes Connector(s) 1 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - Green - PC Online 16 - Red - PC Selected  Indicators LED Indicators 1 - Green - Power 16 - Green - PC Online 16 - Red - PC Selected  Power Center Tip Polarity Positive Input Voltage 100 - 240 AC Output Current 1A Output Voltage 9V DC Power Consumption (In Watts) 9 Power Source AC Adapter Included			
Cables Included Yes Dalsy-Chain Yes KVM Ports 16 Number of Monitors Supported 1 PC Interface USB PC Video Type VGA Rack-Mountable Yes Performance Hot-Key Selection IP Control No Maximum Analog Resolutions 1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen) Maximum Number of Users 1 MTBF 158000 hours On-Screen Display Yes On-Screen Support Push Button, Hotkeys, and OSD (On Screen Display) Wide Screen Support Yes Connector(s) 1 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - Green - PC Online 16 - Red - PC Selected  Indicators LED Indicators 1 - Green - Power 16 - Green - PC Online 16 - Red - PC Selected  Power Center Tip Polarity Positive Input Voltage 100 - 240 AC Output Current 1A Output Voltage 9V DC Power Consumption (In Watts) 9 Power Source AC Adapter Included		Warranty	3 Years
Daisy-Chain KVM Ports KVM Ports 16 Number of Monitors Supported PC Interface PC Video Type Rack-Mountable Performance Hot-Key Selection IP Control Maximum Analog Resolutions Maximum Cascaded Computers Maximum Number of Users On-Screen Display Port Selection Support Wide Screen Supported Possole Interface(s) Host Connector(s)  Console Interface(s) For Screen Possole Host Connectors For Selection Support For Selection Support For Selection Support For Selection Support For Selection For Selection Support For Selection For Selectio	Hardware	Audio	No
KVM Ports Number of Monitors Supported PC Interface PC Video Type Rack-Mountable Ves Performance PC Video Type Rack-Mountable PC Video Type Rack-Mountable Ves PC Video Type VGA Rack-Mountable Ves No No Maximum Aualog Resolutions No Maximum Analog Resolutions No N		Cables Included	Yes
Number of Monitors Supported PC Interface PC Video Type Rack-Mountable Performance Hot-Key Selection IP Control Maximum Analog Resolutions Maximum Cascaded Computers Maximum Number of Users IP On-Screen Display Port Selection Support Wide Screen Supported Yes  Connector(s) Console Interface(s) I - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors I - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors I - Green - Power I - Green - PC Online I - Green - PC Online I - Green - PC Selected  Power Center Tip Polarity Positive Input Voltage Output Current I A Output Voltage Power Consumption (In Watts) Power Consumption (In Watts) Power Source AC Adapter Included		Daisy-Chain	Yes
PC Interface VSB PC Video Type VGA Rack-Mountable Yes  Performance Hot-Key Selection Yes IP Control No Maximum Analog Resolutions 1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen) Maximum Cascaded Computers 136 Maximum Number of Users 1 MTBF 158000 hours On-Screen Display Yes Port Selection Support Push Button, Hotkeys, and OSD (On Screen Display) Wide Screen Supported Yes  Console Interface(s) 1 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 1ndicators 1 - Green - Power 16 - Green - PC Online 16 - Green - PC Online 16 - Red - PC Selected  Power Center Tip Polarity Positive Input Voltage 100 - 240 AC Output Current 1A Output Voltage 9V DC Power Consumption (In Watts) 9 Power Source AC Adapter Included		KVM Ports	16
PC Video Type Rack-Mountable Yes  Performance Hot-Key Selection IP Control Maximum Analog Resolutions Maximum Cascaded Computers Maximum Number of Users On-Screen Display Yes Port Selection Support Wide Screen Supported Yes  Connector(s) Console Interface(s) Host Connectors OS Compatibility OS Compatibility OS Compatibility OS Condent Power  LED Indicators LED Indicators Input Voltage Input Voltage Output Current Indicators Ves Power Consumption (In Watts) Power Source  Host Consumption (In Watts) Power Source Power Power Power Power Power Supported Power Source Positive Power Source		Number of Monitors Supported	1
Rack-Mountable Performance Hot-Key Selection IP Control Maximum Analog Resolutions Maximum Cascaded Computers Maximum Number of Users On-Screen Display Port Selection Support Wide Screen Supported Yes  Connector(s) Console Interface(s) Host Connectors If Green - PC Online If Green - PC Online Input Voltage Output Voltage Power Consumption (In Watts) Power Source Moximum Number of Users Ip Control No Maximum Number of Users Ip 20 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen) No Maximum Number of Users Ip 20 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen) Ip 20 x 1440@60Hz (1920 x 1200@6Hz Ip 20 x 1440@60Hz Ip 20 x 1440@6Hz Ip 20 x 1440@60Hz Ip 20 x 1440@60Hz Ip 20 x 1440@6Hz I		PC Interface	USB
Performance    Hot-Key Selection   Yes     IP Control   No     Maximum Analog Resolutions   1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen)     Maximum Cascaded Computers   136     Maximum Number of Users   1     MTBF   158000 hours     On-Screen Display   Yes     Port Selection Support   Push Button, Hotkeys, and OSD (On Screen Display)     Wide Screen Supported   Yes     Connector(s)   Console Interface(s)   1 - VGA (15 pin, High Density D-Sub) Female     2 - USB Type-A (4 pin) USB 2.0 Female     Host Connectors   16 - VGA (15 pin, High Density D-Sub) Female     2 - USB Type-A (4 pin) USB 2.0 Female     Host Connectors   16 - VGA (15 pin, High Density D-Sub) Female     2 - USB Type-A (4 pin) USB 2.0 Female     Host Connectors   16 - VGA (15 pin, High Density D-Sub) Female     17 - VGA (15 pin, High Density D-Sub) Female     17 - VGA (15 pin, High Density D-Sub) Female     17 - VGA (15 pin, High Density D-Sub) Female     17 - VGA (15 pin, High Density D-Sub) Female     17 - VGA (15 pin, High Density		PC Video Type	VGA
IP Control  Maximum Analog Resolutions  1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen)  Maximum Cascaded Computers  136  Maximum Number of Users  1 MTBF  158000 hours  On-Screen Display  Yes  Port Selection Support  Wide Screen Supported  Yes  Console Interface(s)  1 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female		Rack-Mountable	Yes
Maximum Analog Resolutions  Maximum Cascaded Computers  Maximum Number of Users  MTBF  On-Screen Display  Port Selection Support  Wide Screen Supported  Yes  Connector(s)  Console Interface(s)  Host Connectors  OS Compatibility  OS independent; No software or drivers required  Indicators  LED Indicators  Input Voltage Output Current Input Voltage Output Voltage Power Consumption (In Watts) Power Source  Maximum Nanalog Resolutions  136  158000 hours  158000 hours  Push Button, Hotkeys, and OSD (On Screen Display)  Yes  1 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - Fower  16 - Fower  16 - Green - Power  16 - Green - PC Online  16 - Red - PC Selected  Power  AC Adapter Included	Performance	Hot-Key Selection	Yes
Maximum Cascaded Computers  Maximum Number of Users  MTBF  On-Screen Display  Port Selection Support  Wide Screen Supported  Yes  Console Interface(s)  Tournettor(s)  Console Interface(s)  Indicators  LED Indicators  Center Tip Polarity Input Voltage Input Voltage Output Current Output Voltage Power Consumption (In Watts) Power Source  MTBF  158000 hours  1 Send Output Voltage Power Source  158000 hours  1 Push Button, Hotkeys, and OSD (On Screen Display) Yes  1 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) Female 16 - VGA (15 pin, High Density D-Sub) F		IP Control	No
Maximum Number of Users  MTBF  158000 hours  On-Screen Display  Yes  Port Selection Support  Wide Screen Supported  Yes  Connector(s)  Console Interface(s)  Host Connectors  1 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - Green - Power  16 - Green - Power  16 - Green - Power  16 - Green - PC Online  16 - Red - PC Selected  Power  Input Voltage  Output Current  1A  Output Voltage  9V DC  Power Consumption (In Watts)  9  Power Source  AC Adapter Included		Maximum Analog Resolutions	1920 x 1440@60Hz (1920 x 1200@60Hz - Wide Screen)
MTBF On-Screen Display Port Selection Support Wide Screen Supported  Connector(s)  Console Interface(s)  Host Connectors  OS Compatibility  LED Indicators  Center Tip Polarity Input Voltage Input Voltage Output Current Output Voltage Power Consumption (In Watts) Power Source  MTBF  Push Button, Hotkeys, and OSD (On Screen Display)  Yes  1 - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female 16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub) Female  2 - USB Type-A (4 pin) USB 2.0 Female  16 - VGA (15 pin, High Density D-Sub) Female  16 - VGA (15 pin, High Density D-Sub		Maximum Cascaded Computers	136
On-Screen Display Port Selection Support Wide Screen Supported Yes  Connector(s) Console Interface(s) Host Connectors OS Compatibility OS Compatibility OS Compatibility OS independent; No software or drivers required  Indicators LED Indicators I - Green - Power I - Green - PC Online I - Red - PC Selected  Power Center Tip Polarity Input Voltage Output Current Output Voltage Power Consumption (In Watts) Power Source AC Adapter Included		Maximum Number of Users	1
Port Selection Support Wide Screen Supported Yes  Connector(s) Console Interface(s) I - VGA (15 pin, High Density D-Sub) Female 2 - USB Type-A (4 pin) USB 2.0 Female Host Connectors I6 - VGA (15 pin, High Density D-Sub) Female OS Compatibility OS independent; No software or drivers required  Indicators LED Indicators I - Green - Power I6 - Green - PC Online I6 - Red - PC Selected  Power Center Tip Polarity Input Voltage Output Current Output Voltage Power Consumption (In Watts) Power Source AC Adapter Included		MTBF	158000 hours
Connector(s)  Console Interface(s)  Console		On-Screen Display	Yes
Connector(s)  Console Interface(s)  Console Interface(s)  Console Interface(s)  Console Interface(s)  Console Interface(s)  Console Interface(s)  Couper Console Interface(s)  Console Interface(s)  Console Interface(s)  Couper Consumption (In Watts)  Console Interface(s)  Console Interface(s)  Couper Consumption (In Watts)  Couper Couper Couper Couper (In Watts)  Couper Couper Couper Couper (In Watts)  Couper Couper Couper (In Watts)  Couper Couper Couper Couper (In Watts)  Co		Port Selection Support	Push Button, Hotkeys, and OSD (On Screen Display)
Host Connectors  Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  OS Compatibility  OS independent; No software or drivers required  Indicators  LED Indicators  1 - Green - Power 16 - Green - PC Online 16 - Red - PC Selected  Power  Center Tip Polarity		Wide Screen Supported	Yes
Host Connectors  16 - VGA (15 pin, High Density D-Sub) Female  OS Compatibility  OS independent; No software or drivers required  1 - Green - Power  16 - Green - PC Online  16 - Red - PC Selected  Power  Center Tip Polarity  Input Voltage  Output Current  Output Voltage  Power Consumption (In Watts)  Power Source  AC Adapter Included	Connector(s)	Console Interface(s)	1 - VGA (15 pin, High Density D-Sub) Female
Software OS Compatibility OS independent; No software or drivers required  Indicators  LED Indicators  1 - Green - Power  16 - Green - PC Online  16 - Red - PC Selected  Power  Center Tip Polarity			2 - USB Type-A (4 pin) USB 2.0 Female
Indicators  LED Indicators  1 - Green - Power  16 - Green - PC Online  16 - Red - PC Selected  Power  Center Tip Polarity		Host Connectors	16 - VGA (15 pin, High Density D-Sub) Female
Power Consumption (In Watts)  Power Source 16 - Green - PC Online 16 - Red - PC Selected  Positive 100 - 240 AC 100 - 240 AC 9V DC Power Source AC Adapter Included	Software	OS Compatibility	OS independent; No software or drivers required
Power Consumption (In Watts) Power Source   16 - Red - PC Selected   16	Indicators	LED Indicators	1 - Green - Power
Power  Center Tip Polarity  Input Voltage  Output Current  Output Voltage  9V DC  Power Consumption (In Watts)  Power Source  Power Source  Positive  100 - 240 AC  104  AC Adapter Included			16 - Green - PC Online
Input Voltage 100 - 240 AC  Output Current 1A  Output Voltage 9V DC  Power Consumption (In Watts) 9  Power Source AC Adapter Included			16 - Red - PC Selected
Output Current  Output Voltage  9V DC  Power Consumption (In Watts)  Power Source  AC Adapter Included	Power	Center Tip Polarity	Positive
Output Voltage 9V DC  Power Consumption (In Watts) 9  Power Source AC Adapter Included		Input Voltage	100 - 240 AC
Power Consumption (In Watts)  9  Power Source  AC Adapter Included		Output Current	1A
Power Source AC Adapter Included		Output Voltage	9V DC
<u> </u>		Power Consumption (In Watts)	9
Environmental Humidity 0~80% RH		Power Source	AC Adapter Included
	Environmental	Humidity	0~80% RH



## **Data Sheet**

	Operating Temperature	5°C to 40°C (41°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Physical Characteristics	Color	Black
	Material	Steel
	Product Depth	190 mm [7.5 in]
	Product Height	4.5 cm [1.8 in]
	Product Width	44 cm [17.3 in]
	Weight of Product	2.4 kg [5.3 lb]
Packaging Information	Package Height	12 cm [4.7 in]
	Package Length	59.3 cm [23.3 in]
	Package Width	26.3 cm [10.4 in]
	Shipping (Package) Weight	6.1 kg [13.4 lb]
What's in the Box	Included in Package	1 - 16-port USB KVM switch
		2 - mounting brackets
		16 - 6ft 2-in-1 USB VGA KVM cables
		1 - screw kit
		4 - foot pads
		1 - universal power adapter (NA/EU/UK/AU)
		1 - instruction manual

Product appearance and specifications are subject to change without notice.