

16 Port Rackmount USB PS/2 Digital IP KVM Switch

Product ID: SV1641HDIE



This Digital IP KVM Switch offers secure and flexible local and remote administration of critical systems and services, combining our dependable Server Remote Control technology with a proven Enterprise-class digital KVM switch.

Unlike software solutions that require installation and work through your server operating system, this easy-to-configure IP KVM Switch delivers BIOS level control and full interaction with connected system boot processes over a TCP/IP connection. Users can reboot the system, access the BIOS and have full control over the keyboard and mouse as if they are on site - a cost-effective solution for outsourced server/IT hardware management and access to mission-critical corporate datacenter servers.

Remote Control can't come at the expense of security! This Digital IP KVM switch features built-in support for SSH tunneling, SSL encryption and RADIUS authentication, as well as a configurable firewall. Plus, access to the IP KVM web console is user ID and SSL password secured to prevent unauthorized access.

A scalable KVM control solution, the IP KVM Switch supports up to 16 directly-connected servers or workstation computers. To create a more flexible infrastructure, the switch can be cascaded with other existing/new KVM switches for remote control of up to 136 computers from this single IP KVM unit.

To provide broader control options, the IP KVM switch supports modular integration, allowing you to add capability to your existing server remote control infrastructure. Using StarTech.com's Serial Remote Control Module (RPORT) for example, you can interact with virtually any device that uses a RS-232 serial terminal interface (network routers, switches, environmental controls, alarm systems etc.). Similarly, the IP KVM switch can be connected to StarTech.com's 8 Outlet Remote Power Switch (PCM815SHNA) to power computers and equipment on and off using an interactive menu.

Designed to accommodate a wide range of operating environments, the Digital IP KVM switch is compatible with PC, Mac and Sun Servers/Systems, ensuring the flexibility needed to efficiently manage connected devices regardless of operating platform.

To provide further versatility, the switch supports computers with USB or PS/2 keyboard and mouse connectors allowing a broader mix of connected computers including both legacy (PS/2) and modern (USB).

To preserve valuable server room or work space, the IP KVM can be mounted into 1U of rack/cabinet space.

Similarly, all external connections to the server remote control/KVM unit are located on the rear panel to eliminate cable tangles and mess.

The SV1641HDIE only works with specific 2-in-1 VGA and USB cables (sold separately), a list of StarTech.com approved cables are below:

6 ft Ultra Thin USB VGA 2-in-1 KVM Cable

6 ft Ultra Thin USB VGA 2-in-1 KVM Cable

10 ft Ultra Thin USB VGA 2-in-1 KVM Cable

15 ft Ultra Thin USB VGA 2-in-1 KVM Cable

Certifications, Reports and Compatibility

Applications

- Administer multiple servers for your Co-Location/ISP facility at the BIOS level either onsite or remotely saving time and money
- Create a scalable, streamlined access solution in your Datacenter or Server Farm
- Add to existing infrastructure, and access analog KVM switches via TCP/IP
- Perfect for use manufacturing line computer control, simplifying access to multiple systems
- Great for PC test/burn-in computer control saving the desk space required for multiple monitors, keyboards and mice
- Remote access for outsourced server / IT hardware management, saving travel time
- Remote access to mission-critical corporate datacenter servers ensuring maximum uptime

Features

- Allows remote reboot, BIOS access, and full control over keyboard and mouse - as if they are on site
- Includes an onboard Web Server, providing browser-based configuration and administration.
- Supports PCs with USB or PS/2 keyboard and mouse connectors
- Supports 16 bit video
- No software or drivers required
- Login authentication restricts access to authorized users
- Plug and Play compliant

- Compact 1U rack height takes up very little cabinet or rack space
- Access to the web console is user ID and SSL password secure. The Remote Server Management over IP supports 32 user accounts and incorporates SSL encryption of session data, and SSL web communication encryption.
- Auto Scan Mode lets you switch between computers for easy monitoring
- Each computer name can be defined via the OSD menu
- Flash upgradeable
- Hot-pluggable feature allow computers to be added or removed without shutting down
- Hardware Reset and Network Configuration button
- Obtains an IP address using DHCP or manual configuration
- Universal KVM switch controls up to 16 computers directly and up to 136 computers by cascading 8 additional KVM switches
- Works with PC, Mac, Linux and Sun Systems
- Supports IntelliMouse (Pro)

Hardware

Warranty	3 Years
Audio	No
KVM Ports	16
PC Interface	USB and PS/2
PC Video Type	VGA
Number of Monitors Supported	1
Rack-Mountable	Yes
Cables Included	No
Daisy-Chain	Yes

Performance

On-Screen Display	Yes
DVI Support	No



IP Control	Yes
Hot-Key Selection	Yes
Maximum Analog Resolutions	1920 x 1440 pixels local console
Maximum Digital Resolutions	1600 x 1200 @ 85Hz
Maximum Number of Users	1 active user plus up to 3 viewing
Maximum Cascaded Computers	136
Port Selection Support	Hotkeys and OSD (On Screen Display)
General Specifications	TLS version supported: 1.0
	Note: The SSL certificate provided is for testing and initialization purposes only and provides minimum strength security. We strongly recommend users upgrade the included certificate with individual SSL Certificate.
MTBF	876,000 Hours

Software

OS Compatibility	OS independent; No software or drivers required
------------------	---

Special Notes / Requirements

Note	<p><p>Adding more than 1 optional PCM815SHNA power switch to the Server Remote Control requires a RPORT module.</p> <p>Source code for the unit operating system is available upon request. Please contact us by phone, live chat, or email to make your request. </p><p>This offer is valid for three years from the date of purchase and/or for as long as parts or customer support is offered for this product.</p><p>Charges for the reasonable cost of copying and/or conveying may apply.</p></p>
------	--

Power

Power Source	AC Adapter Included
Input Voltage	110V-240V AC
Input Current	0.6A
Output Voltage	12V DC



Output Current	1.5A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	18

Environmental

Operating Temperature	0 to +50C
Storage Temperature	-20 to +60C
Humidity	Relative Humidity 95%

Physical Characteristics

Material	Steel
Product Length	15.9 in [40.4 cm]
Product Width	1.7 in [43.2 mm]
Product Height	8.8 in [22.4 cm]
Weight of Product	9.2 lb [4.2 kg]

Packaging Information

Package Length	19.9 in [50.6 cm]
Package Width	4.6 in [11.8 cm]
Package Height	14.2 in [36 cm]
Shipping (Package) Weight	9.7 lb [4.4 kg]

What's in the Box

Included in Package	16 Port IP KVM Switch
	Mounting Brackets
	RS-232 Cable
	Bag, screws
	Pack, Rubber Feet



Power Cords (NA/UK/EU)

Power Adapter

Instruction Manual

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

