

16 Port Rackmount USB PS/2 Digital IP KVM Switch

StarTech 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.

Server Remote Control

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.

Built-in Security

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 IP KVM Solution

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.

Versatile

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).

Rack Mounted Convenience

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.

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 16 bit video
- Supports PCs with USB or PS/2 keyboard and mouse connectors
- 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)

Technical Specifications

Warranty	3 Years
Enclosure Type	Steel
Product Height	8.8 in [224.5 mm]
Product Length	15.9 in [404 mm]
Product Weight	146.5 oz [4150 g]
Product Width	1.7 in [43.2 mm]
Audio	No
Cables Included	No
Daisy-Chain	Yes
KVM Ports	16
Multi-Monitor	No
PC Interface	USB and PS/2
PC Video Type	VGA
Rack-Mountable	Yes
DVI Support	No
IP Control	Yes
Maximum Analog Resolutions	1920 x 1440 pixels local console
Maximum Cascaded Computers	136
Maximum Digital Resolutions	1600 x 1200 @ 85Hz
Maximum Number of Users	1 active user plus up to 3 viewing
MTBF	876,000 Hours
OS Compatibility	OS independent; No software or drivers required

Note

Adding more than 1 optional PCM815SHNA power switch to the Server Remote Control requires a [RPORT](#) module.

Source code for the unit operating system is available upon request. Please contact us by phone, live chat, or email to make your request.

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.

Charges for the reasonable cost of copying and/or conveying may apply.

Center Tip Polarity	Positive
Input Current	0.6A
Input Voltage	110 ~ 240 AC
Output Current	1.5A
Output Voltage	12 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	Relative Humidity 95%
Operating Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Shipping (Package) Weight	9.7 lb [4.4 kg]
Included in Package	1 - 16 Port IP KVM Switch
Included in Package	1 - Mounting Brackets
Included in Package	1 - RS-232 Cable
Included in Package	1 - Bag, screws
Included in Package	1 - Pack, Rubber Feet
Included in Package	3 - Power Cords (NA/UK/EU)
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

