

16 Port Rackmount USB PS/2 Digital IP KVM Switch

StarTech ID: SV1641HDIEGB



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.

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. Access is controlled via user ID and SSL password encryption. 16 discrete user accounts are supported.
- 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 card 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
- Network Setup and Reset 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 and Sun Servers and Systems
- Supports IntelliMouse (Pro)

Technical Specifications

Warranty	2 Years
Enclosure Type	Steel
Product Height	224.5 mm [8.8 in]
Product Length	404 mm [15.9 in]
Product Weight	4150 g [146.5 oz]
Product Width	43.2 mm [1.7 in]
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
Output Current	1.5A
Output Voltage	12 DC
Power Source	AC Adapter Included
Shipping (Package) Weight	4.7 kg [10.4 lb]
Included in Package	1 - SV1641HDIE
Included in Package	1 - Mounting Brackets
Included in Package	1 - RS-232 Cable
Included in Package	1 - Package of screws
Included in Package	2 - Power Cord (UK/EU)
Included in Package	1 - Power Adapter

Certifications, Reports and Compatibility

