

16 Port USB + PS/2 Digital KVM Switch with OSD

StarTech ID: SV1641HDI



StarTech.com's SV1641HDI revolutionizes remote server management by combining our industry-leading third generation Server Remote Control technology with a proven Enterprise class digital KVM switch.

The SV1641HDI empowers you to securely manage up to sixteen computers remotely from almost anywhere using your LAN or the Internet. Unlike software solutions that require installation and work through your server's operating system, the SV1641HDI gives you BIOS level control and full interaction with your system's boot process. Control does not come at the expense of security: SSH tunneling, SSL encryption, RADIUS authentication, and a configurable firewall are all included to ensure that your network stays secure. With both USB and PS/2 support, this switch easily handles a mixed platform environment to provide a central point of administration for all your servers. For added flexibility you can attach your existing KVM switches to the SV1641HDI to remotely control up to 136 computers, and its standardized 1U rack-mountable metal chassis allows easy installation in your rack or cabinet.

Server Remote Control is about more than just servers. Using the Serial Remote Interface Module (RPORT) you can interact with virtually any device that uses a RS-232 serial terminal interface like routers, switches, environmental controls, alarm systems, and more. You can also use StarTech.com's 8 outlet Remote Power Module (PCM815SHNA) to power computers and equipment on an off using an interactive menu.

The SV1641HDI is the perfect solution for any organization that demands secure, flexible local and remote administration of its critical systems.

[Test drive the SV1115IPEXT now.](#)

Applications

- Datacenter computer control
- Manufacturing line computer control
- PC test/burn-in computer control
- Co-location/ISP computer control
- Server farms
- BIOS level remote access to servers at co-location facilities and ISPs
- Enables access to existing KVM switches via TCP/IP
- Remote access for outsourced server / IT hardware management
- Remote access to mission-critical corporate datacenter servers

Features

- Supports PCs with USB or PS/2 keyboard and mouse connectors
- Universal KVM switch controls up to 16 computers directly and up to 136 computers by cascading 8 additional KVM switches
- Compact 1U rack height takes up very little cabinet or rack space
- Hot-pluggable feature allow computers to be added or removed without shutting down
- Works with PC, Mac, Linux, and Sun Systems
- Auto Scan Mode lets you switch between computers for easy monitoring
- Supports IntelliMouse (Pro)
- Each computer name can be defined via the OSD menu
- Uses StarTech.com tangle-free KVM cables
- Operating system independent
- No software or drivers required
- Login authentication restricts access to authorized users
- Plug and Play compliant
- Includes an onboard Web Server, providing browser-based configuration and administration.
- 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.
- Obtains an IP address using DHCP or manual configuration
- Flash upgradeable
- Users can reboot the system, access the BIOS, and have full control over the keyboard and mouse - as if they are on site
- Web-based control allows client access using a standard browser - eliminating licensing costs and simplifying usage
- Includes direct dial in capability, via modem
- Allows remote hardware restarts and the ability to power the host computer on and off, if the host computer you are managing supports IPMI (Intelligent Platform Management Interface)

Technical Specifications

Warranty	2 Years
Audio	No
KVM Ports	16
PC Interface	USB and PS/2
PC Video Type	VGA
Multi-Monitor	No
Rack-Mountable	Yes
U Height	1U
Daisy-Chain	Yes
Console Interface(s)	1 - VGA (15 pin; High Density D-Sub) Female
Console Interface(s)	2 - PS/2 (6 pin; Mini-DIN) Female
Host Connectors	16 - VGA (15 pin; High Density D-Sub) Female
Other Interface(s)	1 - DB-9 (9 pin; D-Sub) Male
Other Interface(s)	1 - Mini-DIN (8 pin) Female
Other Interface(s)	1 - RJ-45 Female
DVI Support	No
IP Control	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	Adding more than 1 optional PCM815SHNA power switch to the Server Remote Control requires a RPORT module.
Color	Black
Enclosure Type	Steel
Product Length	8.6 in [219 mm]
Product Width	16 in [406 mm]
Product Height	1.8 in [44.5 mm]
Power Adapter Included	Yes
Input Voltage	110 ~ 240 AC

Input Current	0.6A
Output Voltage	12 DC
Output Current	1.5A
Center Tip Polarity	Positive
Plug Type	M
Shipping (Package) Weight	10.2 lb [4.6 kg]

Certifications, Reports and Compatibility

