

16 port Enhanced Digital KVM Switch over IP

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.

[Test drive a StarTech.com Server Remote Control unit \(SV1115IPEXT\) here!](#)

Applications and Solutions

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

Features

- An industry first 3-year warranty provides peace of mind.
- Auto Scan Mode lets you switch between computers for easy monitoring
- Compact 1U rack height takes up very little cabinet or rack space
- Each computer name can be defined via the OSD menu
- Flash upgradeable
- Hardware Reset and Network Configuration button
- Hot-pluggable feature allow computers to be added or removed without shutting down
- Includes an onboard Web Server, providing browser-based configuration and administration.
- No software or drivers required
- Obtains an IP address using DHCP or manual configuration
- Plug and Play compliant
- Supports 16 bit video
- Supports IntelliMouse (Pro)
- 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
- Users can reboot the system, access the BIOS, and have full control over the keyboard and mouse - as if they are on site
- Works with PC, Mac, Linux and Sun Systems
- "Keep-alive" feature draws power from PC keyboard ports if power is lost. Switch will continue to operate during power outage even if it loses power, retaining mouse control.
- 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.

Technical Specifications

- Enclosure Type: Steel
- Product Height: 8.84 in [224.5 mm]
- Audio Support: No
- KVM Cascadable: Yes
- Dual Display Support: No
- DVI Support: No
- Supported Platforms: Both USB and PS/2
- KVM IP Control: Yes
- Number of KVM Ports: 16
- Rack-Mountable: Yes
- Product Length: 15.91 in [404 mm]
- Maximum Cascaded Computers: 136
- Maximum Digital Resolutions: 1600 x 1200 @ 85Hz
- Maximum Analog Resolutions: 1920 x 1440 pixels local console
- Maximum Number of Users: 1 active user plus up to 3 viewing
- Power Adapter Included: Yes
- Power Adapter - Amperage: 1.5A
- Power Adapter - DC Voltage: 12V
- Center Tip Polarity: Positive
- Carton Quantity: 3
- Shipping (Package) Weight: 9.7 lb [4.39 kg]
- Product Weight: 9.17 lb [4.15 kg]
- Product Width: 1.7 in [43.2 mm]
- **Note:** Adding more than 1 optional PCM815SHNA power switch to the Server Remote Control requires a [RPORT](#) module.
- Storage Temperature: -20 to +60°C
- Operating Temperature: 0 to +50°C
- Humidity: Relative Humidity 95%