

16 Port IP KVM Switch Module for Modular LCD Command Console

StarTech ID: CAB1641HDI



The CAB1641HDI is a 16-port add-on KVM module for our popular 1UCABCONS cabinet console. The CAB1641HDI KVM switch allows up to 16 computers to be directly controlled from the 1UCABCONS console and remotely using our Server Remote Control technology. The combination of these two products offers the latest, most space efficient way to control server rooms and multiple computers either on-site or remotely.

Server Remote Control lets you securely access critical servers from anywhere in the world from a computer with a network connection and a Web browser.

Unlike software solutions that require installation and work through your server's operating system, the CAB1641HDI 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.

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 CAB1641HDI is the perfect solution for any organization that demands secure, flexible local and remote administration of its critical systems.

Applications and Solutions

- Centralized remote management of servers
- Co-location/ISP computer control

- Datacenter computer control
- Manufacturing line computer
- PC test/burn-in computer control

Features

- "Hybrid" design allows both PS/2 and USB systems to be connected simultaneously
- "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 card supports 32 user accounts and incorporates SSL encryption of session data, and SSL web communication encryption.
- 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)
- An industry first 3-year warranty provides peace of mind.
- Built-in OSD security keeps unwanted users out.
- Can be cascaded to control up to 136 PCs
- Completely operating system independent. No software or drivers required
- Designed for guaranteed compatibility with Dell, Compaq, IBM and HP servers and systems
- Hot-pluggable to allow computers to be added or removed without worrying about having to reboot the other connected systems.
- Rugged, all-metal chassis for use in harsh environments and space-saving cabinets.
- 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

Technical Specifications

- Maximum Cascaded Computers: 136
- Maximum Number of Computers: 16
- Maximum Number of Users: 1 Local, 4 Remote
- OSD & Hotkey Support: Yes
- Carton Quantity: 3
- Shipping (Package) Weight: 9.3 lb [4.21 kg]
- Console Connectors: VGA (1), PS/2 Mouse (1), PS/2 Keyboard (1)
- Host Computer Connectors: HD-15 female (16), supports either PS/2 or USB clients based on cable used
- Maximum Remote Resolution: 1600 x 1200 @ 85Hz
- Maximum Local Resolution: 1920 x 1440 pixels
- KVM Features: Keyboard hotkeys, OSD, Auto-scan
- Maximum Number of Concurrent Remote Users: 4