



SecureLinX™ SLK Remote KVM™ via IP

- ▶ Complete remote KVM control over IP networks
- ▶ Secure BIOS level access – independent of server OS
- ▶ No software required – only a browser is needed
- ▶ Compatible with most platforms, OS and KVM switches
- ▶ Multiple concurrent remote (IP) session to any one channel

Secure, Remote Management for Servers and IT Equipment

SecureLinX™ products provide secure, remote access to servers and IT infrastructure equipment, whether it's located down the hall, or across the globe. IT professionals can use Securelinx to monitor, manage and troubleshoot nearly anything in the datacenter rack, from anywhere, at any time - even when servers or networks are down. This means faster response rates which translate into reduced costs and less downtime. With a common GUI interface that is simple to set up and use, SecureLinX products enable easy, secure administration and management of servers, routers, switches and telecom equipment – from BIOS settings to Enterprise software – all from a single location.

SecureLinX SLK provides all the features of an IP KVM switch plus additional features for managing and connecting to the unit. The SLK16 offers independent access for up to six people via IP with any browser that supports Java or with a VNC client. Integrated serial ports can be used for connection to serial consoles, remote control via modem, or for control of other serial devices such as power control units. No specialized software is needed to access the SLK, which can support up to 16 servers and is manageable via SNMP MIB.

Anytime, Anywhere Solution

SecureLinX SLK gives you the power to remotely perform many functions that would normally require you to enter the server room, such as reconfiguring hardware and configuring the BIOS. By having full access to your server's primary I/O (keyboard, video, mouse), SecureLinX SLK provides you with the capability to administer your devices and take action to correct problems from anywhere via IP.

Integrated Security

Security is a top priority for IT managers. SecureLinX SLK is protected with multiple users/passwords and employs 128-bit SSL encryption to encrypt all keyboard and mouse signals. In addition, SecureLinX SLK offers specialized security features such as 'Stealth mode' to minimize detection by port scans and 'Turtle mode' to disable remote access when multiple bad logins are detected. Also, with full remote access capability to your equipment, you can reduce personnel traffic to your server room, keeping your data room door closed and more secure.

Easy to Deploy and Use

With no software to install, SecureLinX SLK does not impact server performance and seamlessly supports multiple operating systems. Setup can be done locally using the On Screen Display (OSD) or remotely via a Web browser. Since SecureLinX SLK does not require any user licenses and provides remote access using standard Web browsers or VNC, it eliminates the need for proprietary software updates and reduces administration costs.





Features

Security

- Virus proof - uses embedded technology
- X.509 certificate public key encryption
- 128-bit SSL v2/v3 keyboard and mouse encryption
- Stealth mode - prevents port scans and network probes
- Turtle mode - option to deactivate remote access if attacked

Supported Protocols

HTTP/1.1, HTTPS, VNC, DHCP, SNMP, BSD Syslog, SMTP, RFC3164

Management

- No agent software required
- Concurrent/non-blocking channel access
- Multiple users/password profiles
- User configurable hot keys
- SNMP compliant
- Flash upgradeable firmware over browser interface
- Compatible with most KVM switches and supports multiple OS
- Keyboard and mouse keep alive feature

Accessibility

- 1-16 server or KVM ports
- Local console access through a local (analog) port
- Independent local and remote access
- Multiple concurrent remote (digital) sessions to any one channel – all models
- Up to 6 independent remote (digital) sessions to all channels (non-blocking) – SLK16 only
- Multiple user profiles
 - SLK1, SLK8: Up to 10 user profiles
 - SLK16: Up to 32 user profiles
- Multi-purpose serial ports
- Monitors multiple video outputs simultaneously
 - SLK8: Up to 8 servers
 - SLK16: Up to 16 servers
- Out-of-band dial-up access through external serial modem – SLK16 only

Target Server Requirements

- PS/2 compliant keyboard and mouse
- VESA compliant display adapter (up to 1280x1024@75Hz)

Remote System Requirements

- Internet Explorer 5.5+, Netscape 5.0+ or Mozilla 1.0
- Sun Java 2 Runtime Environment
- VNC Client (optional)
- Recommend PIII Processor equivalent or better
- Telnet client for command line (CLI) access

Hardware

Interfaces

Network: One 10/100Base-T Ethernet Port with activity indicators (RJ45)
 Serial: RS-232, up to 115,200 bps
 SLK1: Two ports (one DB9 Female, one 8 pin mini-DIN)
 SLK8: Two ports (one DB9 Female, one 8 pin mini-DIN)
 SLK16: Three ports (two DB9 Female, one DB9 Male)
 Keyboard/Video/Mouse Input: PS/2 Keyboard and mouse, HD15 VGA
 SLK1: one input
 SLK8: eight inputs
 SLK16: sixteen inputs
 Local Keyboard/Video/Mouse Output: PS/2 Keyboard and mouse, HD15 VGA

Environmental

SLK1, SLK8
 Operating: 0° to 40° C (32° to 104° F)
 Storage: -40° to 74° C (-40° to 165° F)
 SLK16
 Operating: 10° to 40° C (50° to 104° F)
 Storage: 0° to 60° C (32° to 140° F)

Power Requirements

AC Input: 100 to 240 VAC, 50/60Hz, auto-sensing

Physical Dimensions (H x W x D)

SLK1: 1U, 1.75 x 5.7 x 16 in (4.45 x 14.48 x 40.60 cm)
 SLK8: 1U, 1.75 x 17 x 12.5 in (4.45 x 43.18 x 31.75 cm)
 SLK16: 2U, 3.5 x 17 x 11.25 in (8.89 x 43.17 x 28.58 cm)

Certification

FCC Part 15, Equipment Class A
 CE - CISPR 22:1997 AND EN 55022:1988, CISPR 24:1997/EN 55024:1998
 CAN/CSA-C22.2 No. 60950.00/UL 60950

Warranty

2 year limited warranty

Ordering Information

Part Numbers

SLK00112N-01
 SLK00812N-01
 SLK01612N-01

Optional Cables

SLKCHS006-01 KVM 3in1 cable; PS/2, std, ferrites, beige, 6 ft.
 SLKCHS010-01 KVM 3in1 cable; PS/2, std, ferrites, beige, 10 ft.
 SLKCHS025-01 KVM 3in1 cable; PS/2, std, ferrites, beige, 25 ft.

SLKCHT006-01

KVM 3in1 cable; PS/2, thin, ferrite, black, 6 ft.
 KVM 3in1 cable; PS/2, thin, ferrite, black, 10 ft.

SLKCHT025-01

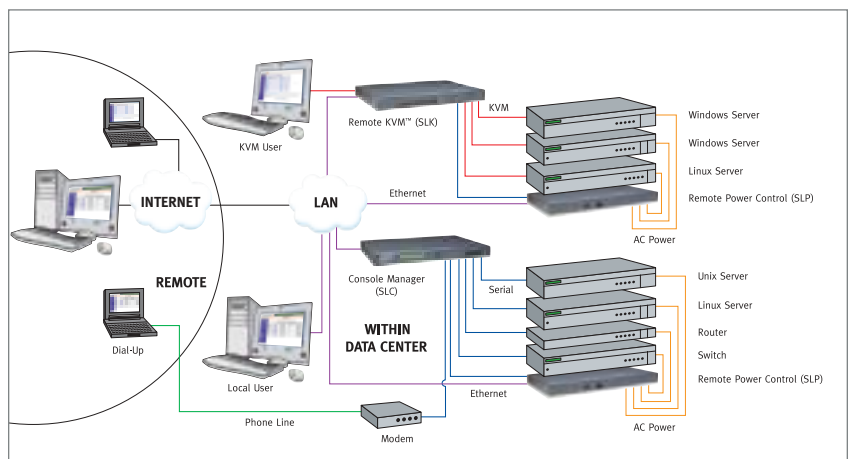
SLKB01000-01

SLKB08000-01

SLKB16000-01

SLKCHY001-01

SLK1 19" Rack Mount Tray
 SLK8 19" Rack Mount Bracket Kit (included w/purchase of SLK8)
 SLK16 19" Rack Mount Bracket Kit (included w/purchase of SLK16)
 SLK Serial Y Cable; miniDIN8 to RJ11/DB9F, 9 in. (included w/purchase of SLK1 & SLK8)



LANTRONIX®

15353 Barranca Parkway | Irvine | CA 92618 | USA | Tel: 949.453.3990 | Fax: 949.453.3995 | www.lantronix.com

© 2004 Lantronix, SecureLinux and Remote KVM are trademarks of Lantronix, Inc. All other trademarks are the property of their respective owners. Specifications subject to change without notice. All rights reserved.
 910-435 06/04 DGS2500