LANTRONIX®

SecureLinx™ SLC Secure Console Managers

- Reduce downtime and increase efficiency with any time, anywhere access to IT equipment
- Protect resources with enhanced security features
- Simplify installation and setup with easy to use tools

SecureLinx SLC

Secure Console Managers

Secure, Remote Management for Servers and IT Equipment

Computing Editor's Choice

SecureLinx SLC16
Winner of the Network Computing Editor's Choice Award

The SecureLinx SLC console manager provides 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 SLC to monitor, manage and troubleshoot nearly anything in the data center rack, from anywhere, at any time – even if servers or networks are down. This capability 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 SLC provides easy, secure administration and management of IT equipment – from BIOS settings to application software all from a central location.

System administrators can securely access and control a wide variety of IT and data center equipment, including Linux, Unix or Windows® 2003 servers, routers, switches, PBXs, UPSs, and even building access devices through their serial ports. Connecting from eight to 48 serial ports to an SLC provides the ability to centrally monitor, manage and troubleshoot many pieces of equipment from a single location using familiar tools such as Telnet or SSH.

Anytime, Anywhere Solution

With SecureLinx, it's just like being there. Access to the SLC device ports is accomplished via Telnet/SSH or, a web page launched console client, with no proprietary software required. Any server or IT asset that provides console or serial port management services can be managed remotely from any location with the same interface and capabilities available locally. The command line interfaces of most IT equipment provide low-level access for reconfiguring, rebooting, and even reloading firmware. SLC enables IT managers to take advantage of these functions from a single point-of-contact over a network or out-of-band dial-up connection. In-band access is available through dual Ethernet connections for both public and management networks.

Integrated Security

Protecting IT resources is a top priority. SecureLinx SLC provides security features such as SSL and SSH for data encryption. It also supports remote authentication for integration with other systems already in place in the data center. For added protection, the SLC also includes firewall features to reject connection attempts or block ports and is the first console server with a NIST-certified AES encryption.

Back view of SecureLinx SLC16

Easy to Deploy and Use

SecureLinx SLC provides a comprehensive suite of features enabling quick setup and deployment, with typical "box to operation" times of fewer than 10 minutes. A front panel LCD with keypad, "Quick Setup" web interface and a command line interface (CLI) setup script are all available. The comprehensive online help system includes context-sensitive information during configuration and operation. SecureLinx SLC offers single or dual AC or dual DC power supply options. Other key features include SNMP support and e-mail notifications with string recognition and RegExp support.

SecureLinx SLC

Secure Console Managers

Features

Accessibility
- In-Band (Ethernet) - dual Ethernet ports
- Out-of-Band (local terminal or modem)

Security and Authentication
- Secure Shell (SSH v1, v2, Public Key)
- Packet filtering (firewall)
- Per port user permissions
- Centrally managed port permissions (via NIS)
- Remote authentication: LDAP, NIS, RADIUS, Kerberos, TACACS+

Port Access
- Telnet/SSH to SLC command line
- Telnet/SSH /raw-TCP direct to IP address and port number
- Web Telnet /SSH
- Multiple concurrent Telnet/SSH sessions (64 max)
- Simultaneous access on the same port (listen mode)
- No inadvertent "breaks" – Sun break-safe
- Customizable multi-level user menus
- PC card modem access
- Automatic port-initiated connections to network host or neighboring port
- Enable terminal login on any device port

Data Capture and Notification
- Port buffering – 256 KB per port
- Port logging to local files, PC card Ext2 & Fat/Fat32, remote NFS files (simultaneous)
- Local logging viewable via CIFS
- System event logs
- Console event notification (e-mail)
- Event string recognition (RegExp)

Management
- Front panel keypad/display for network setup
- Quick setup and configuration web interface (SSL)
- CLI setup script
- Command line interface (Telnet, SSH, web telnet/SSH or direct serial)
- SNMP (MIB II) compatible - v1, v2, v3, custom MIB's
- Integrated power management support (SLP)
- Diagnostics and port status counters
  - Performance monitoring utility
  - Packet generation utility
  - Network trace utility
  - Configuration audit log
- Local subnet search for other SLCs

Additional Protocols Supported
- DHCP and BOOTP for dynamic IP address assignment
- NTP for time synchronization
- FTP, TFTP, SFTP, SCP client for file transfers
- DNS for text-to-IP address name resolution
- SSH, SSL, Telnet, TCP & UDP, PPP w/PAP/CHAP, NFS and CIFS for connections in and out of the SLC
- RIP and RIPv2

Hardware

Interfaces
Network: Two 10Base-T/100Base-TX RJ45 Ethernet
Devices: 8, 16, 32, or 48 RS-232 (RJ45), 300 to 115200 bps
Console: RS-232 (RJ45), 300 to 115200 bps
PC card interface: Two 32-bit CardBus PC Card slots

Operating System
Embedded Linux

Power Requirements
AC input (single or dual): 100-240VAC, 50 to 60 Hz IEC-type cord
DC input: -24 to -60 VDC
Power consumption: Less than 20W max

Environmental
Operating: 0°-50°C (32°-122°F), 30-90%RH, non-condensing
Storage: -20°-70°C (-4°-158°F), 10-90%RH, non-condensing
Heat flow rate: 68 BTU per hour

Physical
Dimensions (HxWxD)
1U, 1.75 x 17.25 x 12 in.
Weight: 10 lbs. maximum, depending on options
Shipping weight: 14 lbs. maximum

Certifications
FCC Part 15, CE (EN55022, EN55024, EN60950), CSA, VCCI, TÜV Rheinland, GS Mark, UL/CUL, C-Tick, CB Scheme, NIST-certified implementation of AES (Advanced Encryption Standards) as specified by FIPS-197.

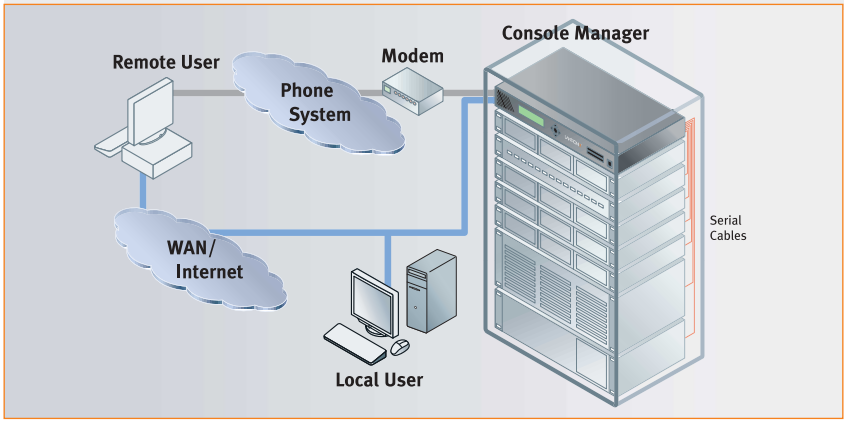
Warranty
2-year limited warranty

Ordering Information

Part Numbers	Model and Description
SLC00812N-01	SLC8: 8-Port, Single AC Supply Secure Console Manager
SLC00822N-01	SLC8: 8-Port, Dual AC Supply Secure Console Manager
SLC00824T-01	SLC8: 8-Port, Dual DC Supply Secure Console Manager
SLC01622N-01	SLC16: 16-Port, Dual AC Supply Secure Console Manager
SLC01612N-01	SLC16: 16-Port, Single AC Supply Secure Console Manager
SLC01624T-01	SLC16: 16-Port, Dual DC Supply Secure Console Manager
SLC03212N-01	SLC32: 32-Port, Single AC Supply Secure Console Manager
SLC03222N-01	SLC32: 32-Port, Dual AC Supply Secure Console Manager
SLC03224T-01	SLC32: 32-Port, Dual DC Supply Secure Console Manager
SLC04812N-01	SLC48: 48-Port, Single AC Supply Secure Console Manager
SLC04822N-01	SLC48: 48-Port, Dual AC Supply Secure Console Manager
SLC04824T-01	SLC48: 48-Port, Dual DC Supply Secure Console Manager

Optional Cables/Adapters

200.2066A	RJ45 to DB25M Cable Adapter
200.2067A	RJ45 to DB25F Cable Adapter
200.2069A	RJ45 to DB9M Cable Adapter
200.2070A	RJ45 to DB9F Cable Adapter
200.2225	RJ45 to RJ45 rolled cable adapter, Sun Netra and Cisco Equipment
500-137	Cable; Rolled Serial, RJ45 to RJ45, 3m (9.8 ft.)
500-153	Cable; Loopback
56KMODEMCARD	PC Card V.92 Modem



Sun Solaris Ready

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