SLB™

220V

110V

CONSOLIDATED HYBRID MANAGEMENT SOLUTION FOR THE "DISTRIBUTED IT" ENVIRONMENT

The Lantronix® SLB™ secure branch office manager provides real time visibility and control over branch office IT equipment securely and quickly. Without ever leaving your desk.

Secure Lantronix Branch Office Manager (SLB)

Personnel in offices apart from corporate headquarters often face unique challenges when it comes to managing IT equipment such as servers, routers, switches, firewalls, VPNs, PBX and UPS systems. Often, there is no dedicated or on-site system administrator. Therefore, when issues with networked equipment arise, they require a consultant or excessive phone time with corporate technical support – both adding cost and potentially extending downtime. With the Lantronix® SLB secure branch office manager, these are no longer concerns. System and Network administrators can remotely control and manage console and power (on/off/reboot) of IT equipment anytime, anywhere.

Console & Power Management In One

Consolidating two essential functions, the SLB saves space, simplifies deployment and lowers the cost of managing a "distributed IT" environment by providing both console management and power management via one appliance.

Built Specifically for the Branch Office

The Lantronix SLB is ideal for locations with a handful of servers and/ or networked devices and where there is little or no on-site IT staff, such as branch offices, retail stores or campus environments. The SLB supports a variety of industries including banking, finance, insurance, healthcare, retail, hospitality and education. It delivers secure remote console and power management (on/off/reboot) for up to eight devices. A total out-of-band solution, the SLB enables administrators to centrally monitor, manage and troubleshoot IT equipment even if the network or Internet is down.

Because the Lantronix SLB integrates console and power management into a single unit, satellite facilities are not forced to purchase separate solutions that are designed for the enterprise data center which can be excessive for the remote branch office.

SLB Highlights

- Compact hybrid design eliminates need for costly on-site interventions and increases response efficiency

- Integrates secure console management (8 serial ports), remote power management (8 switching power outlets) and dual AC power inlets for redundancy and failover

- Automatic transfer switch. SLB monitors dual AC inputs and will transfer power to secondary power source if primary power is lost

- Per outlet current measurement for energy monitoring

- Front LCD and keypad allows for quick network setup and easy deployment

- Provides the highest levels of encryption and security to ensure data assets are protected

- Centralized management integration with the Lantronix® ConsoleFlow™ platform

- Optional 4G LTE Connectivity Kit with automatic fail-over feature

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Features and Specifications

Accessibility

- In-Band (Ethernet) - Dual Ethernet ports
- Cellular (with LTE Connectivity Kit)
- Out-of-Band (Local terminal, USB Modem or Internal Modem)

Security and Authentication

- Secure Shell (SSH v2, Public Key)
- Secure Sockets Layer (TLS v1, TLS v1.1, TLS v1.2)
- Packet filtering (firewall)
- Per port user permissions
- Configurable user rights
- Remote authentication: LDAP, Active Directory, NIS, RADIUS, Kerberos, TACACS+

Serial Device Port Access

- Telnet/SSH to command line
- Telnet/SSH/RAW-TCP direct to IP address and port number
- Web Telnet/SSH
- Multiple concurrent Telnet/SSH sessions
- Simultaneous access on the same port
- Sun break-safe
- Customizable multi-level user menus

Data Capture and Notification

- Port buffering—256 KB per port
- Port logging to local files, USB drive, remote NFS files (simultaneously)
- Local logging viewable via CIFS
- System event logs
- Console event notification (e-mail)
- Event string recognition (RegExp)

Management

- Front panel keypad/LCD display for network setup and outlet status
- Quick setup and configuration via web or CLI Command line interface (Telnet, SSH, web Telnet/SSH or direct serial)
- SNMP (MIB II) compatible - v1, v2, v3, custom MIB's Diagnostics and port status counters
- Configuration audit log

Power Management

- Individual outlet control: on/off/reboot
- Configure "power on delay" of individual outlets
- Over-current monitor/alarm
- Per-outlet current consumption measurement

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 SLB
- RIP and RIPv2

Environmental

- Operating Temp: 0°-50°C (32°-122°F)
- Storage Temp: -20°-70°C (-4°-158°F)
- Relative Humidity: 10 to 90%, non-condensing

Interfaces

- Network: Two 10Base-T/100Base-TX (RJ45) Ethernet
- Serial Device Ports: 8-Ports, RS-232 (RJ45), 300 to 230400 bps
- Power Inlets (Single-phase)
  - SLB882 (100-120 VAC) IEC60320 C20, 50/60 Hz
  - SLB8824 (200-240 VAC) IEC60320 C20, 50/60 Hz
- Console Port: RS-232 (RJ45), 300 to 230400 bps
- USB Port: 1.2 or 2.0 (full speed only)
- Internal Dial-up Modem: v.92, 56Kyup

Operating System

- Embedded Linux

Central Management

- Compatible with the Lantronix ConsoleFlow™ centralized management platform

Power Consumption

- Less than 30W max

Physical

- Dimensions (LxWxH): 30.5 x 43.8 x 4.4cm (12 x 17.25 x 1.75in.), 1U
- Weight: 10lbs. maximum, depending on options
- Shipping weight: 14lbs. maximum

Certifications

- FCC PART 15, VCCI, UL/CUL, C-Tick, NIST-certified implementation of AES (Advanced Encryption Standards) as specified by FIPS-197 (uses SLB-SSH algorithm), CCC (applies only to SLB8824KIT-AP, SLB8824KIT-WW)

Warranty

- 5-year limited warranty

Ordering Information

SLB Part #	Power Cord Part #	Power Cord Description	Quantity
100-120 VAC (50/60 Hz)			
SLB882KIT-15P	SLPP12310-01	IEC60320/C19 to NEMA 5-15P (15A)	2
SLB882KIT-20P	SLPP12410-01	IEC60320/C19 to NEMA 5-20P (20A)	2
200-240 VAC (50/60 Hz)			
SLB8824KIT-EU	SLPP12810-01	IEC60320/C19 to Schuko (EU)	2
	SLPP12910-01	IEC60320/C19 to BS1363 (UK)	2
SLB8824KIT-AP	SLPP12A08-01	IEC60320/C19 to AS/NZS 3112 (AU/NZ)	2
	SLPP12C08-01	IEC60320/C19 to CHINA/GB (CN)	2
SLB8824KIT-WW	SLPP12810-01	IEC60320/C19 to Schuko (EU)	1
	SLPP12910-01	IEC60320/C19 to BS1363 (UK)	1
	SLPP12A08-01	IEC60320/C19 to AS/NZS 3112 (AU/NZ)	1
	SLPP12C08-01	IEC60320/C19 to CHINA/GB (CN)	1

* Included power cords vary for kit purchased. Please see www.lantronix.com for additional inlet power cords available
Note: Unit input current is de-rated to 12A and 16A when using SLPP12310-01 and SLPP12410-01 respectively.

Accessories

Part #	Description
200.2066A	Adapter: DB25M (DCE), Sun w/DB25 female
200.2067A	Adapter: DB25F (DCE) to RJ45, Sun w/DB25 male and some HP9000's
200.2069A	Adapter: DB9M (DCE) to RJ45, SGI Onyx
200.2070A	Adapter: DB9F (DCE) to RJ45, HP9000, SGI Origin, IBM RS6000, and PC-based Linux servers
ADP010104-01	Adapter: RJ45 rolled serial, Cisco, and Sun Netra
200.0063	Cable: RJ45 to RJ45, Cat-5, 6.6 ft (2 m)
500-153	Cable: RJ45 Loopback
CCKLTE450-NA	LTE Cellular Connectivity Kit - North America
CCKLTE450-EA	LTE Cellular Connectivity Kit - Europe/Asia

An optional adapter for external modems is also available from Lantronix: 200.2073 Adapter: DB25M (DCE) to RJ45, external modems.
Wireless data plan sold separately

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