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

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.
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

**Remote Branch**
- Cable: RJ45 to RJ45, Cat-5, 6.6 ft (2 m)
- Adapter: RJ45 rolled serial, Cisco, and Sun Netra SLPP12A08-01, SLPP12810-01

**Serial Device Port Access**
- Telnet/SSH to command line
- Telnet/SSH/RAW-TCP direct to IP address and port number
- Web Telnet/SSH

**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

**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)
- System event logs
- Console event notification (e-mail)
- Event string recognition (RegExp)

**Power Management**
- Individual outlet control: on/off/reboot
- Configure “power on delay” of individual outlets
- Over-current monitor/alarm
- Per-outlet current consumption measurement
- SNMP (MIB II) compatible - v1, v2, v3, custom MIB’s Diagnostics and port status counters
- Configuration audit log
- 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
- 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) - SLB8824 (100-120 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, 56Kup

**Operating System**
- Embedded Linux

**Certifications**
- FCC PART 15, VCCI, UL/CEUL, 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**

<table>
<thead>
<tr>
<th>SLB Part #</th>
<th>Power Cord Part #</th>
<th>Power Cord Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>SLBB82KIT-15P</td>
<td>SLPP12130-01</td>
<td>IEC60320/C19 to NEMA 5-15P (15A)</td>
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<td>SLBB82KIT-20P</td>
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* Included power cords vary for kit purchased. Please see www.lantronix.com for additional inlet power cords available.

**Accessories**

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

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.

**Contact Information**

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