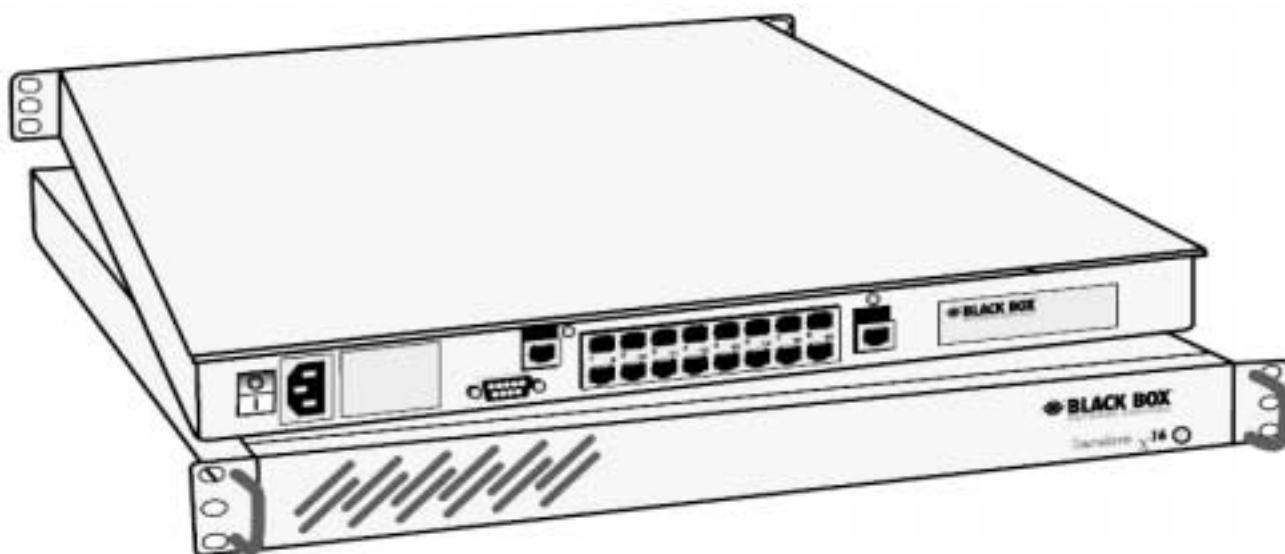


Secure Console Server SSL



Key Features

- ▶ Encryption Security: 128-bit Secure Socket Layer (SSL) handshake protocol and RC4 encryption
- ▶ RADIUS Support
- ▶ Customer installable security Certificate Support
- ▶ 1 / 16 / 32 Ports
- ▶ User Authentication Security: Login name and password scheme (MD5 Hash) with global Access Control List (ACL)
- ▶ Network Failure Countermeasure: Double Ethernet/LAN connection available for failover protection (optional)
- ▶ Upgrades: Built-in software upgrade capacity via FTP/Internet
- ▶ Modem Connectivity: For emergency secure remote access when the network has failed and there is no network connection available

Secure Console Server SSL provide secure, Web-based remote, out-of-band access to up to thirty-two target devices from any Internet browser, anywhere in the world. Secure Console Server SSL provides this functionality in a sleek, rack-mountable 1U chassis with simplified power and communication connections.

Secure Console Server SSL is ideal for large data center environments like corporate IT facilities, managed service providers, application services providers and Internet hosting centers.

New Levels of Security

Secure Console Server SSL provides several levels of security out-of-the-box. In addition to MD5-hashed username & password authentication, "strong" authentication schemes such as RADIUS and user-installed certificates are supported for increased security. At the same time, data transmission security is accomplished by utilizing 56-bit (standard) or 128-bit (optional) Secure Socket Layer (SSL) handshake protocol and RC4 encryption technology.

The Advantage

Secure Console Server SSL enables remote access to any target device in any data center that supports RS232 serial/console communication - anything from a server to a router to a firewall to a load balancer. Secure Console Server SSL uses standard Web and Java applet technology to provide console window access (VT100 terminal emulation) to the user from any supported browser located anywhere in the world. The VT100 console emulation window also supports Cut/Copy/Paste functionality for increased ease of device administration.

Technicians can perform diagnosis, initiate repairs, and perform other troubleshooting functions from a remote location, reducing response time as well as eliminating the need to physically visit the data center. Also for greater flexibility of device access, Secure Console Server SSL features the Command Line Interface. Similar to secure telnet or SSH connectivity, it enables IT managers to

have direct command line interface into the target device.

The Secure Console Server SSL also features an onboard modem for dial-in access when Internet connectivity to device is lost. Secure Console Server SSL delivers secure, remote out-of-band management to up to thirty-two target devices right out of the box - it is a true plug-and-play solution. This enables your valuable IT resources to focus on more value-adding activities while still administering MSP customers' mission-critical IT devices.

Command Center

The optional Command Center LES2900A-CC creates a unified browser interface that fronts up to 1000 Secure Console Server SSL managed console ports. The console port accessed can be provided from any Secure Console Server SSL as LES2900A-8, LES2900A-16, LES2900A-32 products deployed in the network.

Specifications

Processor — Intel Celeron
Processor Memory — 4MB Flash Memory
Connection to Target Device — RJ45 CAT5 cable to RS232 serial port adapter
Connection to Ethernet/LAN — Standard: 1x RJ45 CAT5 cable (10/100Base-T) connection
Optional — 2x RJ45 CAT5 cable (10/100Base-T) connections (only for 16-/32-Port)

Size — (HxWxD) 4,5 x 47,5 x 55cm, 16-/32-Port 1U in height
Data Transmission Rate (serial) — 19.2K baud max (each port)
Data Transmission Rate (LAN) — 10/100Mbps max. (10/100Base-T)
Power Requirements — Switchable 115/230V (included)
Operating Temperature — 5° to 50°C

Browser Requirements — Netscape 4.73+ (except 6.0), Internet Explorer 5.0+ (w/ Microsoft JVM 5.0) or any other Java 1.1 compliant browser
Regulatory Approvals — FCC Class A, CE
Max. No. of connected users — 4 x per Port; Secure Console SSL 1-Port: 4 per Device; Secur Console Server 16-/32-Port: 50 per Device

User Authentication Security (only 16-/32-Port) — RADIUS (can be configured as a RADIUS client) and user-installed certificates
Command Line Interface — only for Secure Console Server SSL 16-/32-Port

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Ordering information

ITEM	CODE
1-Port Secure Console Server SSL 128bit	LES2900A-1
8-Port Secure Console Server SSL 128bit	LES2900A-8
16-Port Secure Console Server SSL 128bit	LES2900A-16
32-Port Secure Console Server SSL 128bit	LES2900A-32
Command Center	LES2900A-CC
Console Cable to DTE Device, DB9, male	LES2900-DB9M
Console Cable to DTE Device, DB9, female	LES2900-DB9F
Console Cable to DTE Device, DB25, male	LES2900-DB25M
Console Cable to DTE Device, DB 25, female	LES2900-DB25F
Console Cable to SUN NETRA Server, RJ45, 1m	LES2900-NET1M
Console Cable to SUN NETRA Server, RJ45, 2m	LES2900-NET2M
Console Cable to SUN NETRA Server, RJ45, 3m	LES2900-NET3M
Console Cable to SUN NETRA Server, RJ45, 5m	LES2900-NET5M
Console Cable to SUN NETRA Server, RJ45, 10m	LES2900-NET10M
Console Cable to SUN NETRA Server, RJ45, 15m	LES2900-NET15M