



Secure Console Server

- ▶ Maximize your rack space with up to 48 ports in a 1U form factor
- ▶ Allow multiple administrators to access systems simultaneously
- ▶ Secure access using Secure Shell v2 (SSH v2)
- ▶ Remote authentication with LDAP, NIS and RADIUS
- ▶ Port buffering and event notification allow proactive fault isolation
- ▶ Quick and easy setup through the front panel keypad and setup wizard

Remotely Monitor and Manage Servers and Networking Equipment

Introducing Lantronix's newest members to the ActiveLinx™ family of console management solutions - SCS3205/SCS4805 secure console servers (SCS). With ActiveLinx secure console servers, system administrators can tackle local and remote IT incidents in record time. In this way IT professionals gain key business advantages such as reducing the time attending to a problem in order to guarantee quality of service and lowering the total cost of ownership for equipment and maintenance. Importantly, it is easy to show a significant return on investment with faster problem solving capabilities and higher uptime.

Leveraging the console or emergency management port built into most servers, networking, and communication equipment, ActiveLinx secure console servers provide familiar tools such as Telnet and SSH to remotely manage the performance and availability of critical business information systems. Direct port access is available by specifying an IP address and port number, or each port can be selected by a separate IP address. Console ports are also accessible through the console server's command line interface.

The new secure console servers feature a front panel keypad and display, for configuring network setting and other related parameters. A web-based GUI is available for those preferring to manage the unit through a browser. And most of the features offered by the ActiveLinx console servers can be configured in a matter of minutes.

Event Management Speeds Recovery

Event management proactively helps you locate the source of equipment problems and diagnose them quickly. Each port can be independently configured to buffer console messages from attached equipment, and to alert an administrator of potential problems by e-mail. Administrators can then review the stored console messages to quickly isolate problems minimizing system downtime. Two or more administrators can share console sessions simultaneously. This feature helps administrators to have joint sessions for troubleshooting or for training.

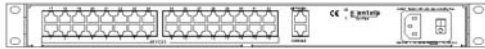
Robust Security

To safeguard remote equipment, several layers of security are provided out-of-the-box, that provide data center managers and systems administrators greater control and peace of mind. Authentication limits access to authorized users only, using LDAP, NIS, RADIUS or local usernames and passwords. Access to attached equipment may be restricted with port-based user permissions and when used with NIS, port permissions can be centrally managed. SSH v2 provides strong encryption authentication over insecure channels. A built-in firewall allows unused services to be disabled, and inbound connections can be denied to minimize visibility of the unit to port scanning.

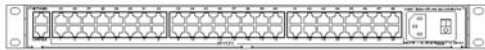
Easy Access to Your Network

With up to 48 ports in a rack-mountable 1U chassis, the ActiveLinx secure console servers provide the necessary tools to remotely manage the performance and availability of critical business information systems, minimizing downtime while increasing efficiency and productivity.





SCS3205 Rear View



SCS4805 Rear View

SCS3205/4805 Features

Accessibility

- In-Band (Ethernet)
- Out-of-Band (local terminal or external modem)*

Security

- Secure Shell (SSH v1 and v2)
- Packet filtering (firewall)
- Per port user permissions
- Centrally Managed port permissions (via NIS)
- System event logs

Authentication

- LDAP
- NIS
- RADIUS*
- Local user database

Console (Port) Access

- Telnet/SSH to console server command line
- Telnet (IP address and port number)*
- Telnet (separate IP address per port)*
- Multiple concurrent Telnet/SSH sessions (128 max.)
- Simultaneous access on the same port (listen mode)
- No inadvertent "breaks" – Sun break-safe

Data Capture and Notification

- Port buffering – 256 KB FIFO audit trail per port
- Port logging to local files, remote NFS files*, or syslog
- Console event notification (e-mail)

Management

- Front panel keypad/display for network setup
- Setup wizard for quick and easy configuration
- Command line interface (Telnet, SSH or direct serial)
- Web configuration interface (HTTPS)
- SNMP (read-only)
- Configuration save and upload via FTP or TFTP*
- Firmware upgrade via FTP or TFTP*

Additional Protocols Supported

- DHCP for dynamic IP address assignment
- NTP for time synchronization
- FTP, SCP, SFTP client and server for file transfers

* Firmware versions 4.3 and later.

Hardware

Interfaces

Network: 10Base-T/100Base-TX (RJ45), Half/Full Duplex
 Devices: RS-232 (RJ45), 2400 to 115,200 bps
 Console: RS-232 (RJ45), 2400 to 115,200 bps

Operating System

Embedded Linux

CPU/Memory

AMD SC520 133 MHz, 128 MB RAM, 128 MB Flash

Power Requirements

AC input: 100 to 240 VAC, 50/60 Hz, 25W max.

Environmental

Operating: 0 to 50 °C (32 to 122 °F), 30 to 90 %RH, non-condensing
 Storage: -20 to 70 °C (-4 to 158 °F), 10 to 90 %RH, non-condensing
 Heat Flow Rate: 61 BTU/hr. (SCS3205), 62 BTU/hr. (SCS4805)

Physical

Dimensions (HxWxD)

SCS3205: 1U, 1.75 in x 17.25 in x 12.25 in (4.45 cm x 43.8 cm x 31.1 cm)
 SCS4805: 1U, 1.75 in x 17.25 in x 14.75 in (4.45 cm x 43.8 cm x 37.5 cm)

Weight

SCS3205: 4.5 kg (10 lbs)
 SCS4805: 5.0 kg (11 lbs)

Shipping Weight

SCS3205: 8.2 kg (18 lbs)
 SCS4805: 8.6 kg (19 lbs)

Certification

FCC Part 15 A, UL 1950, CE (EN55022 A, EN55024, EN60950)

Warranty

1-year limited warranty

Ordering Information

Part Number	Description
SCS3205U-01	Secure Console Server; 32 ports, 100-240 VAC
SCS4805U-01	Secure Console Server; 48 ports, 100-240 VAC

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
200.0062	Cable; RJ45, 2 m (6.6 ft)
200.0063	Cable; RJ45, 5 m (16.4 ft)
200.0064	Cable; RJ45, 10 m (32.8 ft)
200.0065	Cable; RJ45, 15 m (49.2 ft)



LANTRONIX®

15353 Barranca Parkway | Irvine | CA 92618 | USA | Tel: 800.422.7055 | Fax: 949.450.7232 | www.lantronix.com

©2005, Lantronix, Inc. Lantronix is a registered trademark, and ActiveLinux is a trademark of Lantronix, Inc. All other trademarks are the property of their respective owners. Specifications subject to change without notice. All rights reserved. 910-390 06/05 DGS2500