



SCS Quick Start Guide

(includes SCS160, SCS320, SCS480, SCS160R, SCS320R, and Sentinel32)

1. Contents

For SCS160, SCS320, SCS480:



Secure Console Server



Power Cord



Brackets



User Manual



Adapter Kit

Adapter Kit Consists of:

- (1) ADP-000005 DB25M TO RJ45F
- (1) ADP-000006 DB25F TO RJ45F
- (1) ADP-000007 DB9M TO RJ45F
- (1) ADP-000008 DB9F TO RJ45F
- (1) ADP-000009 DB25M TO RJ45F FOR DTE DEVICE
- (1) ADP-000010 DB25F TO RJ45F FOR DTE DEVICE
- (1) ADP-000011 DB9M TO RJ45F FOR DTE DEVICE
- (1) ADP-000012 DB9F TO RJ45F FOR DTE DEVICE
- (1) CBL-000001-0003M CAT 5 CABLE, 3METERS

For SCS160R, SCS320R, Sentinel32:



Secure Console



Brackets



(2) Power Cords



'Y' Power Cord



Adapter Kit

Adapter Kit Consists of:

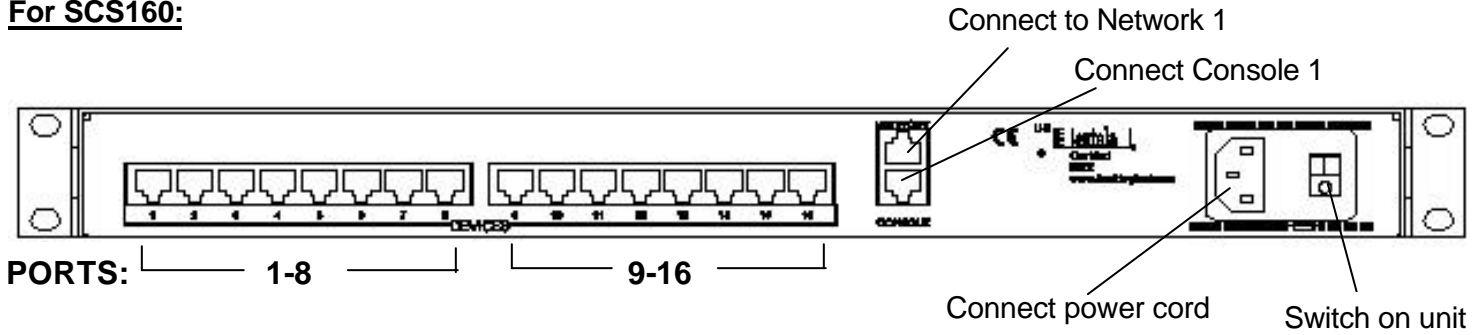
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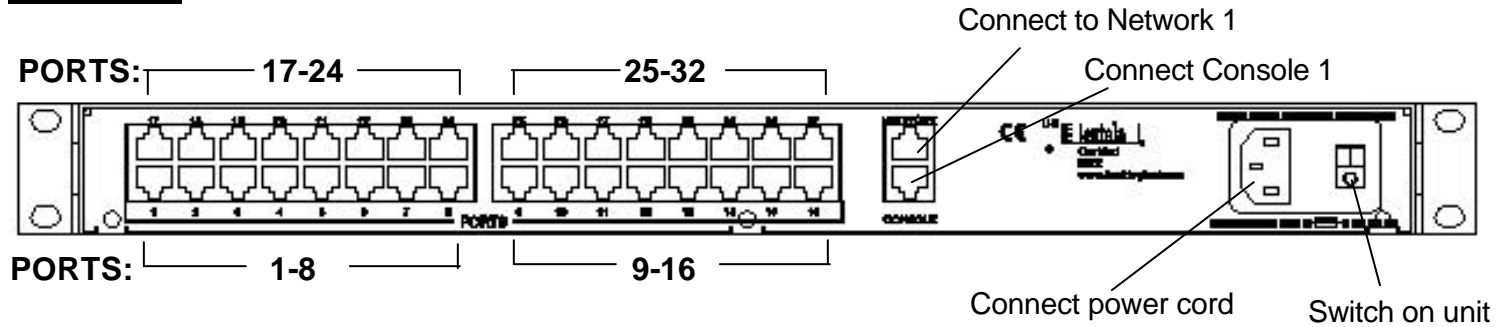
User Manual

2. Install Hardware

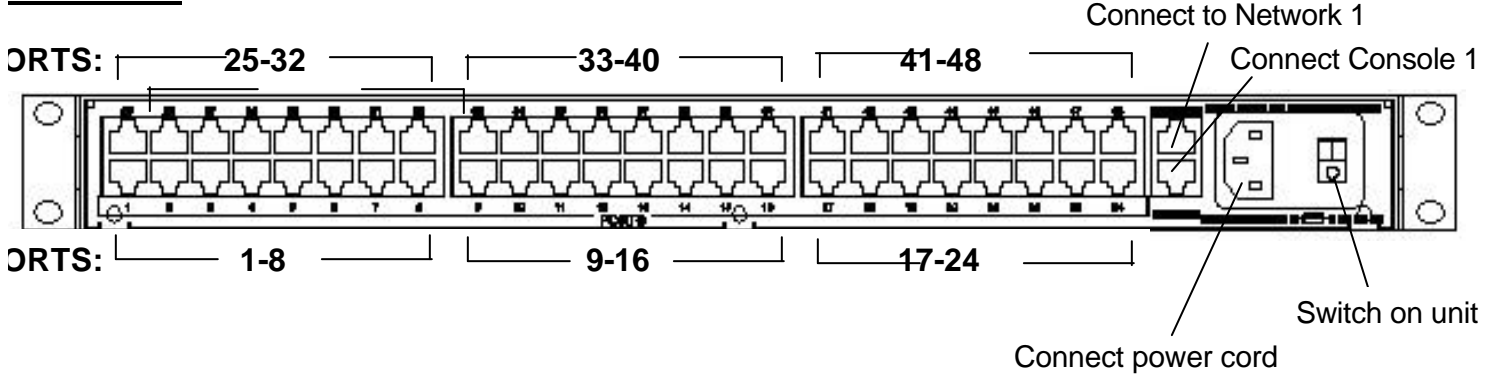
For SCS160:



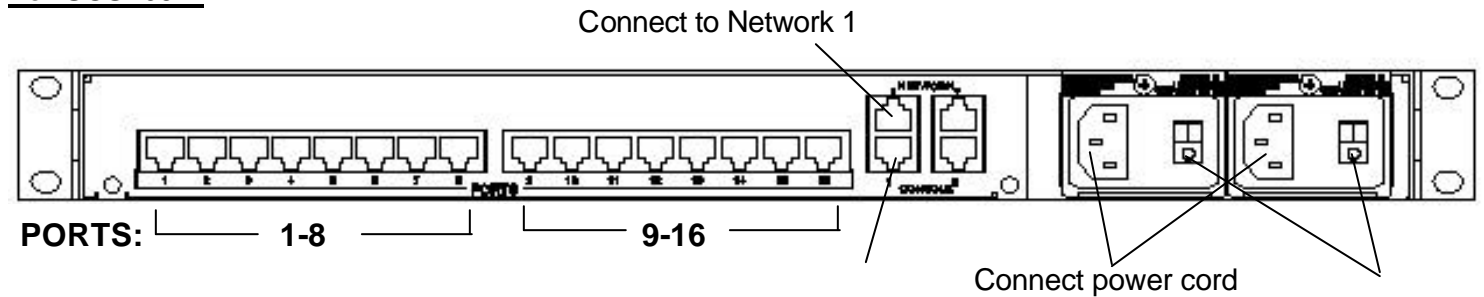
For SCS320:



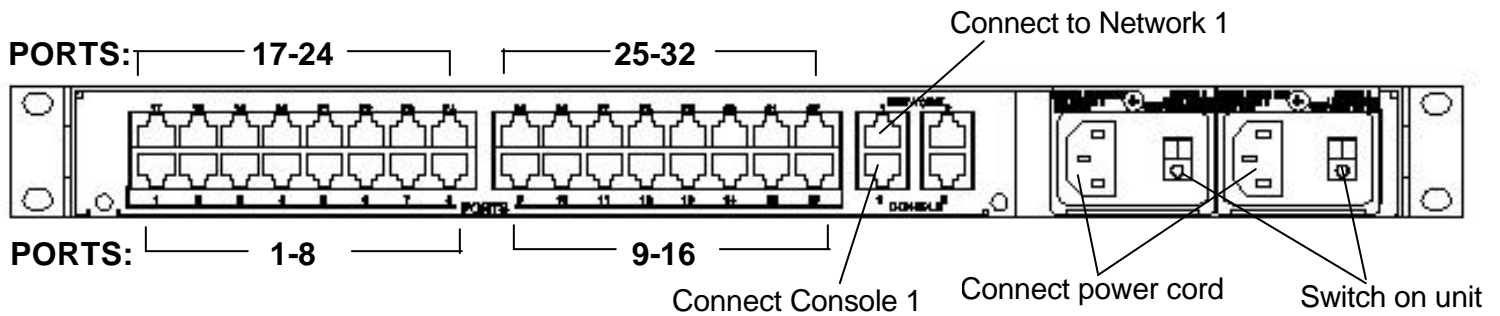
For SCS480:



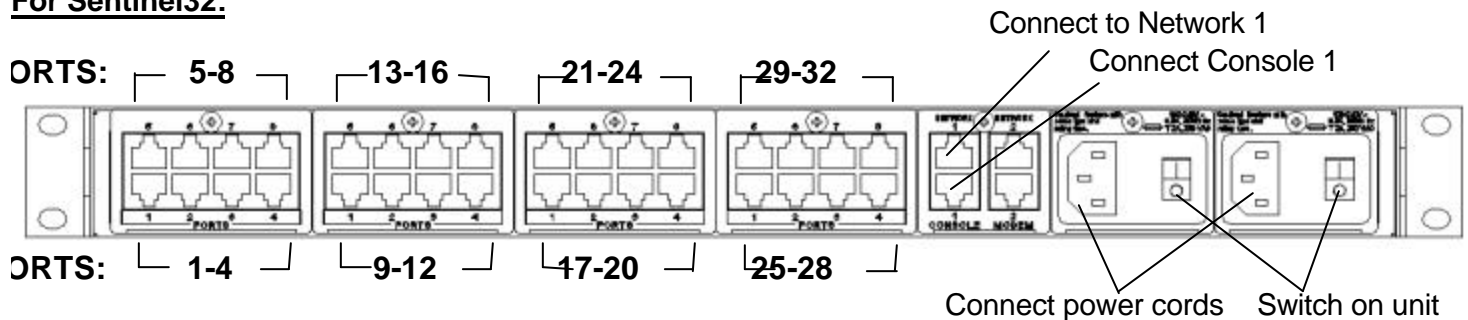
For SCS160R:



For SCS320R:



For Sentinel32:



Note: The initial startup takes about 2 minutes to generate the ssh host keys
The boot progress is displayed on the front panel LCD

3. Setting up via the Network

a. Have the following information ready:

i. Network addresses

1. Your workstation/PC's IP address
2. If you will use dynamic (DHCP) addressing – nothing more is required

ii. Static IP addressing

1. IP address
2. Network mask
3. Gateway address
4. Primary DNS server address

b. Settings:

i. Create a route from your workstation/PC to the SCS default IP address of 10.9.8.7

1. Linux: `route add -net 10.9.8.7 netmask 255.255.255.255 gw <PC IP address>`
2. Windows command line:
`route add 10.9.8.7 mask 255.255.255.255 <PC IP address>`
3. Solaris: `route add -net 10.9.8.7 -netmask 255.255.255.0 <PC IP address>`

Note: You must use ssh to connect to the SCS, telnet is not running as a default service.

4. Setting up via SSH or the Serial Console

- a. Serial Console Settings = 9600, N, 8, 1
- b. login as root, the root password is **root**

5. Settings

- a. run `timeconfig` if you are not in the Eastern Time Zone
- b. run `netconfig` to set the SCS network parameters for Network 1 (eth0)
 - i. (for a console connection): run `service network restart`
 - ii. (for a ssh connection): run `service network restart && exit` – you will have to restart your ssh session
- c. run `adduser` to create users
- d. Predefined port names
 - i. `/lsi/ports/port<n>` - for two-way interactive connections
 - ii. `/lsi/ports/buf_port<n>` - 256K/port buffers
- e. After making changes, run the `save` command to copy the changes to the Compact Flash

6. User Commands

- a. The commands `connect` and `monitor` allow the user to use a short version of the port names. You may use just the port number (1 through 48) or leave off `/lsi/ports/`
- b. `connect <portname or number>` Examples:
 - i. `connect 5`
 - ii. `connect port5`
 - iii. `connect /lsi/ports/port5`
 - iv. `connect /dev/tty/B5`

Note: To exit `connect`, the default key sequence is 'ESC A'.
- c. `monitor <portname or number>` Examples:
 - i. `monitor 5`
 - ii. `monitor port5`
 - iii. `monitor /lsi/ports/port5`
 - iv. `monitor /dev/tty/B5`
- d. Browsing the port buffers Examples:
 - i. `less /lsi/ports/buf_port5`
 - ii. `less /proc/port_buffers/5`
 - iii. `more </proc/port_buffers/7`
- e. Help is available for all SCS commands via man pages.
The command `man -a lsi` will bring up an overview of the SCS commands and files.
- f. Several HOWTOs and a copy of the User Manual can be found at `/usr/local/doc`.