

SD4002 Quick Start Guide

This Quick Start walks you through installing and operating your SD4002 secure device server. Your SD4002 will enable you to connect your serial devices to the local network and securely control these devices, locally and remotely. To control network attached devices, refer the SDT Guide, and for detailed documentation refer to *SD4000 User Guide* on the CDROM.

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Check kit contents



Part # 509005
SD4002 Secure device server



Part #539000
Quick Start Guide & CD-ROM

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Install the SD4002 device server

- Attach the four rubber feet to the base (unless SD4002 is to be DIN rail mounted)
 - Connect the DC power:
 - If you purchased the optional 12V power pack, connect the DC power cable to the SD4002 VIN+ power socket
 - Alternately the SD4002 can be powered from any +9V DC to +48V DC power source. Connect these power lines to the IN-GND and IN-VIN+ screw jacks
 - Connect your LAN network to the SD4002 LAN port
 - Connect your serial devices to the two serial ports.
 - Port 1 is a dedicated RS232 port. However you can configure this port for dial-in modem or console access. The RS-232 port pin-out is standard DB-9 male
 - Port 2 can be software configured to be either an RS232 port (DB-9) or an RS422/RS485 port (which uses the TX+/TX- and RX+/RX- pairs on the terminal block):
- | | | | | | | | |
|-------|-----|-----|-----|-----|-----|----------|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| +V | GND | RX+ | RX- | TX+ | TX- | +3.3V DC | GND |
| DC IN | | | | | OUT | | |

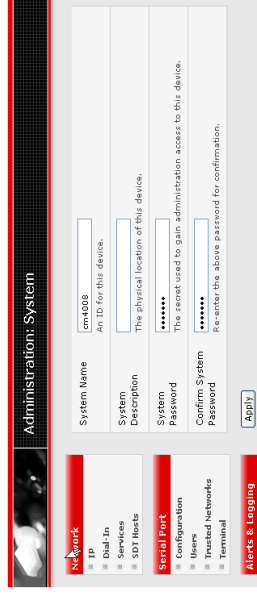
3

Console Manager

Your SD4002 is configured with a default IP Address 192.168.0.1 (Subnet Mask 255.255.255.0). So you can easily access it with any web browser from any computer that is LAN connected to the SD4002:

- Enter **http://192.168.0.1**
- A **Welcome** screen, which lists the basic configuration steps, will be displayed. You will be prompted to login and the default system user name is *root* and the default system password is *default*

Note: The LAN connected computer must be configured with an IP address in the same network range (192.168.0.xxx) as the SD4002. If this is not convenient, you can use the *ARP-Ping* command to reset the SD4000 IP address (refer User Manual). Also the SD4002 has its DHCP client enabled by default, so it will automatically accept any network IP address assigned by any DHCP server on your network - will then respond at both 192.168.0.1 and its DHCP address.



It is important you now assign a new password for *root*, the main administrative user (and that you choose a complex password, and keep it safe):

- Select **Administration: System** and enter a new **System Password** then re-enter it in **Confirm System Password**. At this stage you may also wish to enter a **System Name** and **System Description**. Click **Apply**

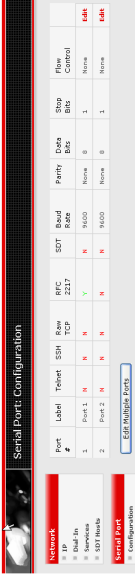
If you wish you can now assign your SD4002 a new static IP address or permanently enable DHCP:

- Select the **Network: IP** option

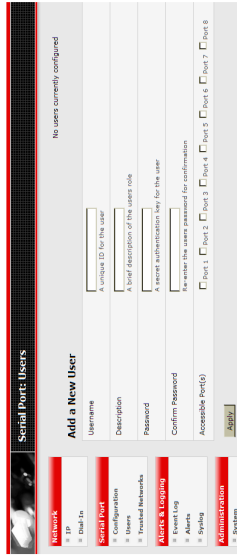
Also the SD4002 ships by default with both HTTP and HTTPS access enabled – so the administrator (i.e. the user named **root**) has basic browser HTTP access to the Management Console. If the SD4000 is to be remotely administered over the Internet, it is recommended the HTTP service be disabled and you only use secure HTTPS access:

- Select the **Network: Services** to configure

Enable Users and Port access



- Select the **Serial Port > Configuration** menu option and **Edit** each port. Select the protocols that are to be used for the data connection to that port (by default Telnet, SSH and TCP are disabled). Click **Apply** (Note: For Port 1 you will be presented with the option of dedicating that port to be your console/dial-in port.)



- Select **Serial Port > Users** and add Usernames and Passwords for each new user, and which ports they can access. Click **Apply**

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