VideoRAID SR configuration tool.
If your facility does not support DHCP or if your VideoRAID SR is not installed on a
network, you can establish a serial connection to the VideoRAID SR using a serial cable
(which ships with the VideoRAID SR) and a Telnet emulation tool. Establishing a serial
connection enables you to alter the configuration of the VideoRAID SR by disabling DHCP
and assigning an IP address to your workstation. You then use this IP address to access the
Avid VideoRAID SR configuration tool.

Establishing a Serial Connection to the VideoRAID SR Configuration
Tool
This procedure shows you how to establish a serial connection from your workstation to
your VideoRAID SR. Before beginning this procedure, ensure that you have the serial cable
(DB9-pin to RJ-11) and a Telnet emulation tool installed for your particular system. The
serial cable ships with the VideoRAID SR enclosure. Some workstations ship with
Windows® HyperTerminal or you may choose a Telnet emulation tool for your particular
operating system.
The following procedure uses screen shots captured on a Windows® XP Operating System
(OS). If you are using a different operating system, your screen shots might differ. Follow
the procedure for connecting and cabling the VideoRAID SR outlined in the Avid
VideoRAID SR Setup and User’s Guide. Then use the procedure for establishing a serial
connection.

Most operating systems ship with a Telnet emulation tool. If your workstation does not have
a resident Telnet emulation tool, refer to the manufacturer’s documentation that came with
your workstation.
Follow the procedure for connecting and cabling the VideoRAID SR outlined in the
Avid VideoRAID SR Setup and User’s Guide. Then use the procedure for establishing a serial
connection.

Accessing the VideoRAID SR Configuration Tool

To establish a serial connection from your workstation to the Avid VideoRAID SR:

1. Turn on your workstation and turn on the VideoRAID SR.
When the VideoRAID SR is completely started, the display on the VideoRAID SR’s LCD module reads VideoRAID SR, 255.255.255.255 (subnet mask).

2. Connect the DB-9 pin connector end of the serial cable to the DB-9 connection port on your workstation.
3. Connect the other end of the serial cable (RJ-11) cable to the serial port on the rear of the VideoRAID SR.

After establishing the serial connection between the VideoRAID SR and your workstation, the next step is to use the Telnet emulation tool to configure the VideoRAID SR. Configuration includes disabling DHCP and configuring a new IP address.

To access the VideoRAID SR using a Telnet emulation tool (HyperTerminal shown here):
1. From a Windows system, select Start > All Programs > Accessories > Communications > HyperTerminal and click on HyperTerminal. The Connection Description dialog box opens.
2. Type in the name of your connection and click OK. The Connect To dialog box opens.
3. Click the Connect Using pop-up menu and select COM1, leave the remaining default settings, and click OK. The COM1 Properties dialog box opens.
4. Set the serial management port settings in the COM1 Properties dialog box to the following settings.

Serial Management Port Settings
Bits per second 115200
Data Bits 8
Parity None
Stop Bits 1
Flow Control None

5. Click Apply and then click OK.
A blank HyperTerminal window opens.
6. Press Enter twice.
The HyperTerminal Login window opens.
7. Type the following into the HyperTerminal login window at the Login and Password prompts.
   - administrator
   - password.
8. Press Enter.
9. Type menu at the administrator@cli prompt and press Enter.
The CLI main menu opens.
10. Using the arrow keys, navigate to the Network Management choice and press Enter.

The Network Port Summary window opens. Because the VideoRAID SR is not on a DHCP enabled network, zeroes display in the IP address field.
Accessing the VideoRAID SR Configuration Tool

11. Press Enter.
The Management Port Info window opens.

12. Press Enter to navigate to the Management Port Settings window.
The Management Port Settings window opens.

Before entering a new IP address for the VideoRAID SR, DHCP must be disabled.
- Using the tab and arrow keys, navigate to the DHCP menu selection and press spacebar to toggle DHCP to Disabled.
The Static IP settings then appear on screen.
  - Tab to the DHCP selection and Press Enter. DHCP is disabled.
- Tab to the **IP Address** selection and backspace over the existing entry.
- Enter your IP address using the correct format, for example, **172.20.14.234**.

  **This IP address is used to access the Avid VideoRAID SR configuration tool. Note and save this IP address for future use.**

- Tab to the **Subnet Mask Address** selection and backspace over the existing entry.
- Enter your subnet mask address using the correct format, for example, **255.255.255.255**.

  (Optional) If necessary, repeat these steps for the Gateway IP Address and the DNS Server IP Address fields.

Accessing the VideoRAID SR Configuration Tool

- A dialog box displays a warning about an invalid IP address, unless the Gateway and DNS Server IP addresses have something entered, for example **0.0.0.0**. **DO NOT** leave these fields completely blank.

- Using the tab and arrow keys, navigate to the **Save Settings** selection and press Enter
to save the new settings.
A warning message displays in the HyperTerminal window.

14. Press Y to accept the changes.
The Management Port Settings window displays the new IP address and notifies you the changes have been saved.

14. Using the tab and arrow keys, navigate to the Return to Previous Menu choice and Press Enter. Repeat this step until you return to the main menu.
15. Using the tab and arrow keys, navigate to the Return to CLI choice and Press Enter.
16. Type `logout` at the administrator@cli prompt.
17. Restart your VideoRAID SR.

Accessing the VideoRAID SR Configuration Tool

After your workstation restarts, the IP address now displays in the LCD module on the front of the VideoRAID SR storage enclosure. Use this IP address to access the Avid VideoRAID SR configuration tool.

Depending on your configuration, it can take anywhere from three to five minutes for the new IP address to appear in the CLI Management Port Settings window after restarting your workstation. You can access the VideoRAID SR configuration tool once the IP address displays in the LCD module on the front of the VideoRAID SR.

To access the VideoRAID SR configuration tool:

1. Type the IP address in the location bar of your web browser location bar using the following format:
2. Press Enter.
   The Avid VideoRAID SR configuration tool displays the login window.
3. In the login window, type:
   - Type **administrator** in the User Name field.
   - Type **password** in the Password field.