

Connections

1. **Connect Network.** The Axess supports 10/100 Ethernet using the cable supplied, or other suitable unshielded twisted pair (Cat 5) cabling.
2. **Connect Powered Equipment.** Connect the devices to be powered On and Off to the 8 receptacles located on the rear panel. If the connected equipment has a Power switch, leave it in the On position to allow the Axess to control the power.

IMPORTANT: Ensure that the total combined load of all controlled devices does not exceed 15/20 Amps (SX-AX15/SX-AX20).
3. **Connect Serial Port (Optional).** The Axess has a 9 pin D subminiature connector for RS-232 serial control. The connector is configured as DCE for direct connection to a laptop or other terminal device. Default serial parameters are 115,200 bps, 8 data, no parity, 1 stop bit (115200,8,n,1).
4. **Connect Power Mains.** Connect power to the unit by plugging the power cord into a 120V AC, 15 (20) amp wall or floor receptacle. Do not plug the unit into a re-locatable power tap.

Web Browser Access

Factory Default IP Address	Factory Default Security Credentials		
	Role	Username	Password
192.168.0.254	Administrator	admin	admin

To access the Axess from the default IP Address, the PC must be on the same local network (IP address of 192.168.0.*nnn*). If it is not, change the IP address using one of the methods described below.

After pointing a web browser to the IP address of the Axess, enter the Administrator Username and Password to access the power control.

Changing the IP Address

1. Command Line Interface (CLI).

All configuration parameters may be set using the Command Line Interface (CLI). The CLI is accessed through the network using a telnet client, or through the serial port.

Open a telnet client and point it to the current IP Address of the Axess.
(Factory Default is **192.168.0.254**, telnet **Port 23**)

Connect to the Serial port.
(Factory Default is **115200,8,n,1**)

Upon connection, press Enter, and then enter the username and password when prompted.

The example shows the basic commands to set the network parameters. After setting these parameters, the Axess will need to be rebooted for the settings to take effect. Any command that requires rebooting of the Axess will provide a prompt to do so. All commands may be entered as required before rebooting. Once the IP address is set, the following command can be used to prevent DHCP from altering it:
set ipmode static

```
Axess Rev Q110630G.286
User Name: admin
Password: *****

Axess > set ipmode static
Reboot Required!
OK
Axess > set ipaddress 192.168.1.3
Reboot Required!
OK
Axess > set subnet 255.255.255.0
Reboot Required!
OK
Axess > set gateway 192.168.1.1
Reboot Required!
OK
Axess > reboot

IP Address = 192.168.1.3
```

2. DHCP

A DHCP server will automatically assign an IP address (dynamic address) as well as Subnet Mask and Gateway to the Axess.

To enable this feature, configure the Axess with the command **set ipmode dhcp**
Then reboot the Axess by entering the command **reboot**

To find the IP address of the Axess, you will need to query your DHCP server and locate the MAC address of the Axess in the DHCP server's IP / MAC table. You can also access the CLI and use the **get network** command, or use the Discover provision of the Axess Setup and Control Utility (SCU).

Changing the IP Address (continued)

3. SCU

The Axess Setup and Control Utility (SCU) utility provides the easiest means to find and configure your Axess for use. To access the Axess with the SCU from the default IP Address, the PC must be on the same local network (IP address of 192.168.0.*nnn*).

Click **File/Discover** to automatically discover any Axess units on the same local network as the computer. Discovered units will be listed in the Select list box.

Next select the unit to configure by clicking once on its name in the list box. Enter the appropriate username and password and click the **Download** button. A Download popup will appear; click the **Download** button to download the current configuration parameters of the Axess.

Click the **IP Address** tab under the **Setup** section. Select the desired mode, Static or DHCP. If using a Static IP address, specify the desired IP Address, Subnet, and Gateway.

Now click **Connect** (to the left of Control and Setup) to return to the Connect Panel and press **Upload** to upload the new configuration.

If changes were made which require a reboot to take effect, the Reboot button is now available and the unit's name in the list box will be highlighted in red. Press the **Reboot** button to reboot the Axess. The Axess will restart with the new settings.

