

AVOCENT® ACS8000 ADVANCED CONSOLE SYSTEM

Quick Installation Guide

SECURITY WARNING!

The ACS8000 Advanced Console System provides extensive access to its connected devices. As a result, care must be taken to avoid compromising your security policies.

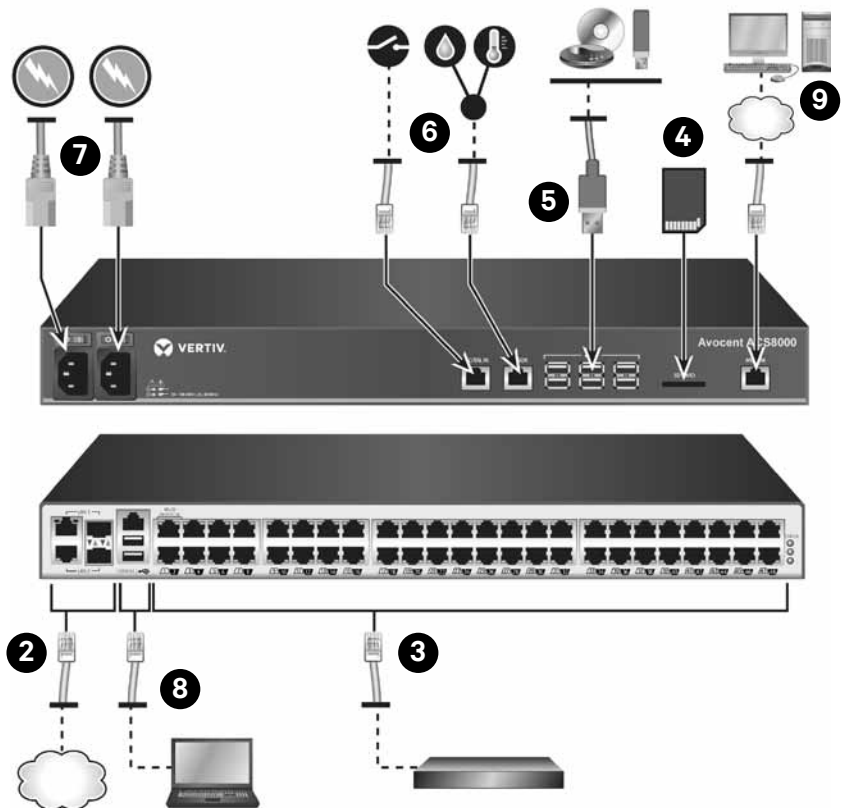
From the factory, this equipment is shipped with the following settings:

- DHCP, SSHv1, SSHv2, HTTP and HTTPS are enabled.
- The MODEM, USB and serial ports are disabled.
- The Ethernet and CONSOLE ports are enabled.
- Two default users with passwords:
root/linux
admin/avocent
- Shell access for root and admin is enabled.

Changing the default password and selecting a security profile immediately after initial setup is strongly recommended.

Please consult the console system's installer/user guide for more information.

48-port model shown



1. Rack mounting the console system

For rack mounting instructions, see the Avocent® ACS8000 Advanced Console System Rack Mounting Guide.

2. Connecting to your network

The LAN ports on the left are for copper interface connections while the LAN ports on the right are for fiber interface connections. You may connect to either or both network ports for redundancy,

however only one LAN1 and one LAN2 port may be used at the same time. If both LAN1 or LAN2 ports are connected, the fiber connection will have priority.

For copper connections, connect a CAT 5e or CAT 6 cable from the 10/100/1000BaseT port to your network.

For fiber connections, connect an appropriate SFP module to each end of a fiber optic cable. Insert one end into the fiber port on the console system and connect the other end to your network.

3. Connecting devices

Using CAT 5e or CAT 6 cables and DB9 or DB25 console adaptors, connect the appropriate serial and power devices to the serial ports on the console system.

NOTE: The first two ports are multi-protocol and may be used for RS485, RS422 or RS232 interface connections. The remaining ports use the RS232 interface.

4. Connecting an SD card

Insert an SD card into the slot on the front of the console system.

5. Connecting USB devices

The console system has six USB ports located on the front and two more on the back for connecting supported USB devices.

6. Connecting sensors

Connect a one-wire environmental sensor into the Sensor port, or a smoke, leak, pressure or dry contact sensor into the Digital In port on the front of the console system.

7. Connecting the power cable(s) and turning on the console system

For AC powered units, connect the power cable to the console system. For DC powered units, please consult the console system’s installer/user guide for more information.

NOTE: Optional DC, dual AC or dual DC power units are available.

8. Connecting to the CONSOLE port

Using one of the supplied RJ45 console adaptors, connect a terminal or workstation to the CONSOLE port. The console system is configured using a terminal or terminal emulator with session settings of: 9600, 8, N and 1, with no flow control.

9. Connecting to the modem port

For models with an internal modem, connect a phone line to the modem port.

NOTE: The First Time Configuration wizard does not enable the modem port. To enable the port, see the console system’s installer/user guide.

NOTE: All remaining manual setup steps are required the first time you configure the console system.

10. Configuring network parameters

DHCP is the default IP configuration for LAN1. If using DHCP, log in to the CONSOLE port as **admin**, with the default password **avocent**. At the command prompt, enter **wiz** to view the current IP configuration. Proceed to Step 9 with the IP address of the console system.

If a DHCP server is not available, you can reconfigure the console system by directly connecting your PC to LAN2, which has a static IP of 192.168.161.10.

Or you can change the IP configuration by logging in to the CONSOLE port as **admin**, with the default password **avocent**. At the command prompt, enter **wiz** to view the current IP configuration. Press **Enter** to move through the parameters, accepting the current values. Enter the new value for the selected parameter or press **Ctrl + E** to edit the current value. When you are finished, enter **yes** to confirm and save the new parameters.

11. Completing the First Time Configuration screen

To configure the ACS8000 Advanced Console System for the first time, open a web browser and enter the IP address of the console system in the address field. Press **Enter** to access the web manager.

Log in to the console system as **admin** with the password **avocent**. From the Security screen of the Wizard tab, perform the following configuration steps:

Step 1 - Security Profile

Select the desired Security Profile. Click *Next* when finished.

Step 2 - Network Parameters

Set the desired Network parameters. Click *Next* when finished.

Step 3 - Ports

The default CAS Profile configuration will be applied for all serial ports. Set the desired CAS profile parameters. By default, all ports are enabled. Click *Next* when finished.

Step 4 - Change root/admin password

Click the *root* link in the Users table. Enter and confirm the new password and click *Next*. Click the *admin* link. Enter and confirm the new password and click *Next*. Click *Save* to apply and save the configuration, then click *Finish*.

The console system is now configured and ready to accept users and connections to the ports.

