

Avocent® ACS 8000 Advanced Console System

Quick Installation Guide



HELPFUL RESOURCES

Product documentation downloads are available at:

www.avocent.com/manuals

Search for additional product information at:

www.avocent.com

For further assistance, contact Avocent Technical Support.

Our user community can be found at:

<http://community.emerson.com/networkpower/support/avocent/serial/>



SECURITY WARNING

The ACS 8000 Advanced Console System provides extensive access to its connected devices. As a result, care must be taken to avoid compromising your security policies.

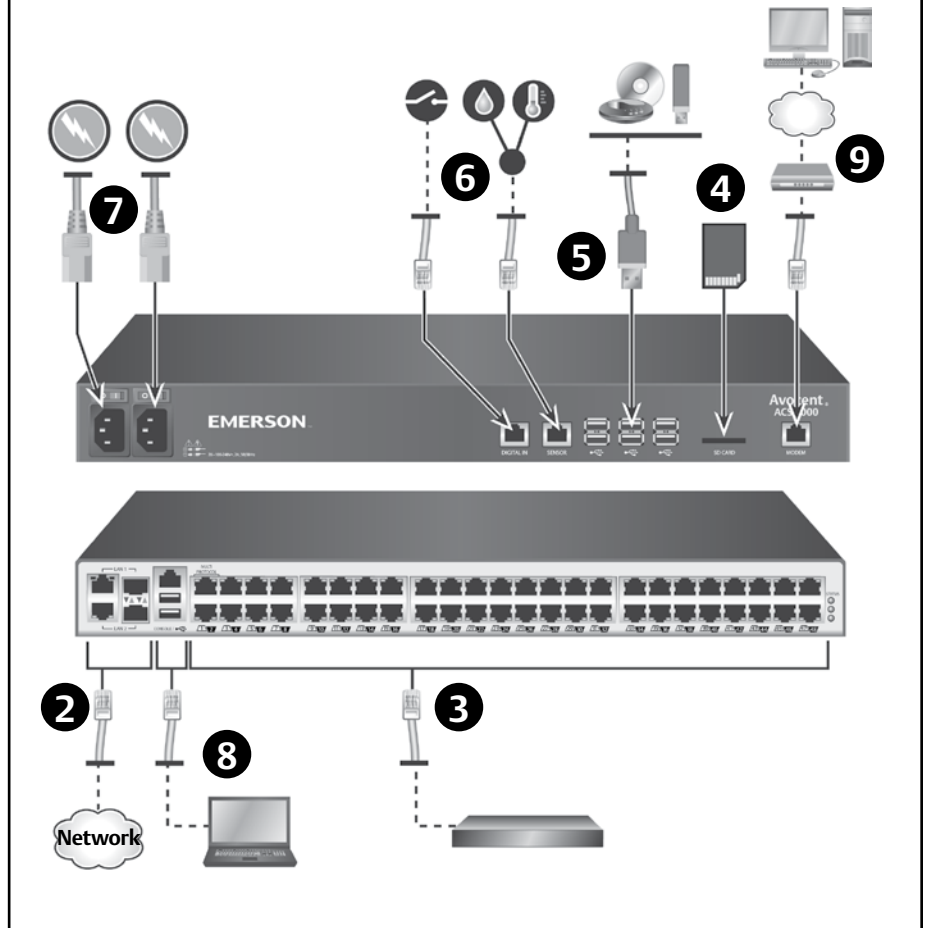
From the factory, this equipment is shipped with the following settings:

- DHCP, SSHv1 and SSHv2, HTTP and HTTPS – ENABLED
- The Modem and all Serial ports – DISABLED
- Ethernet, Console and USB ports – ENABLED
- Two default users with passwords:
 - root/linux
 - admin/avocent
- Shell access for root and admin – ENABLED

Avocent strongly recommends changing the default password and selecting a Security Profile immediately after initial setup.

Please consult the Avocent® ACS 8000 Advanced Console System Installer/User Guide for more information.

ACS 8048 Console System Shown



1 Rack mounting the console system

For rack mounting instructions, see the Avocent® ACS 8000 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.



To Contact Avocent Technical Support: Visit www.avocent.com

Emerson, Emerson Network Power and the Emerson Network Power logo are trademarks or service marks of Emerson Electric Co. Avocent and the Avocent logo are trademarks or service marks of Avocent Corporation. All other marks are the property of their respective owners. This document may contain confidential and/or proprietary information of Avocent Corporation, and its receipt or possession does not convey any right to reproduce, disclose its contents, or to manufacture or sell anything that it may describe. Reproduction, disclosure, or use without specific authorization from Avocent Corporation is strictly prohibited. ©2016 Avocent Corporation. All rights reserved.

590-1324-501A

Avocent® ACS 8000 Advanced Console System

Quick Installation Guide



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 RS-485, RS-422 or RS-232 interface connections. The remaining ports use the RS-232 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 Avocent® ACS 8000 Advanced Console System Installer/User Guide.

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

8 Connecting to the Console port

Using one of the supplied RJ-45 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 Avocent® ACS 8000 Advanced Console System Installer/User Guide.*

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

10 Configuring network parameters

Log in to the console system as **admin**, with the default password **avocent**. At the command prompt, enter **wiz** to view the current IP configuration.

NOTE: *DHCP is the default IP configuration. If no DHCP server is available, the console system must be reconfigured manually as described below.*

To change the 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 ACS 8000 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.



To Contact Avocent Technical Support: Visit www.avocent.com

Emerson, Emerson Network Power and the Emerson Network Power logo are trademarks or service marks of Emerson Electric Co. Avocent and the Avocent logo are trademarks or service marks of Avocent Corporation. All other marks are the property of their respective owners. This document may contain confidential and/or proprietary information of Avocent Corporation, and its receipt or possession does not convey any right to reproduce, disclose its contents, or to manufacture or sell anything that it may describe. Reproduction, disclosure, or use without specific authorization from Avocent Corporation is strictly prohibited. ©2016 Avocent Corporation. All rights reserved.

590-1324-501A