

Speco Access Control System Quick Start Guide for 1 Door Systems

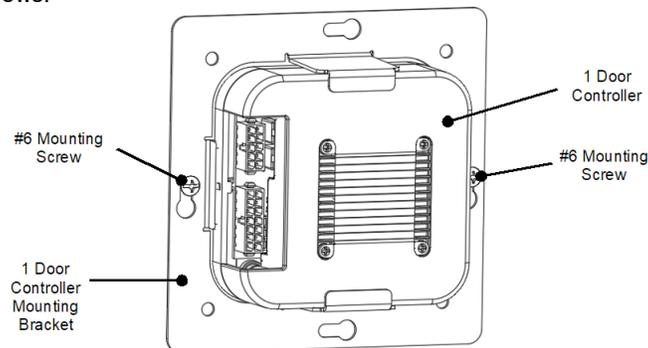
Model A1

This Quick Start Guide provides simplified instructions on how to get the system up and running. **For more detailed instructions, download the full installation manual, Part Number: 100116-SP from our website, www.specotech.com**

Mounting 1 Door Systems

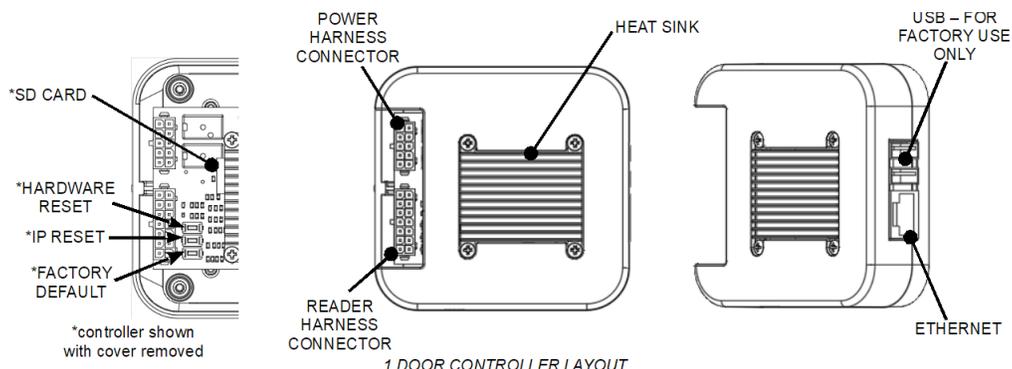
Using the provided mounting bracket, the 1 door controller can be mounted vertically or horizontally in a UL listed enclosure with an integrated tamper switch, that is located in a secure location. The aluminum heat sink should face away from the mounting surface with a minimum of 1 inch (25.4 mm) of clearance above the heat sink. The temperature in the mounting location must be within the system's specified limits.

1. Run all wires to the controller's location and label the wires according to their use.
2. Locate the enclosure for the 1 door controller on the wall and level. Mark the mounting holes on the wall and remove the enclosure and install anchors appropriate for the type of wall and mounting conditions.
3. **DO NOT DRILL** the mounting holes while the enclosure is in place on the wall. Dust and debris from drilling will contaminate and damage the electronics.
4. Partially insert mounting screws into the top two mounting holes and hang the enclosure on the screws. Check for level, insert the lower screws and tighten all four mounting screws.
5. Using the provided mounting bracket as a template, locate the bracket in the enclosure and mark the location of the mounting screws. The key holes in the bracket are sized for #6 pan head self tapping screws. Drill the holes for the mounting screws and partly thread the screws into the holes. Clean any debris from drilling to prevent damage to the electronics. Place the controller into the mounting bracket and hang on the mounting screws. Check for level and tighten the mounting screws.



6. Run the wires through the knockout holes and connect to the appropriate terminals (see following sections of the manual for wiring details).
7. Connect the tamper switch to the controller's tamper inputs.

The following shows the controller's features and wiring components.



Powering On and Connecting to a Network

Controllers must be located in a secure area and connected to a network that is protected by a security system (firewall, etc.). **Note:** a Static IP address should be used when a controller is configured as a server controller. Client controllers may use DHCP.

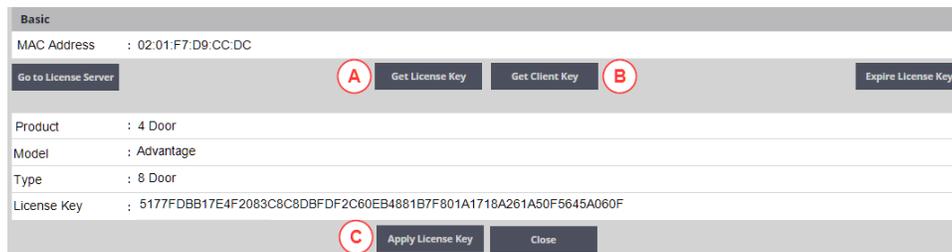
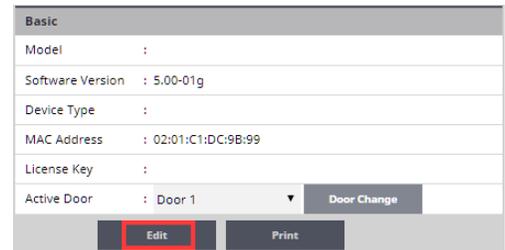
In most cases, the controller's IP address will have to be changed to allow the controller to be recognized by the local network. The controller's IP address is changed as follows.

1. Connect a programming computer directly to the Ethernet port of the controller. A standard CAT-5 cable is used for direct connection. A crossover cable is not required.
2. Assign a static IP address to the computer of 192.168.0.10.
3. The factory default IP address of the controller is 192.168.0.250. Open a web browser, such as Google Chrome, and enter the default IP address into the address bar.

TIP: As an alternative to directly connecting a cable, the provided IP Installer utility can be used to change the controller's IP address.

4. The controller's login page is displayed as shown. To login enter the default User ID: *admin* and default PW: *admin*
5. Controllers can be licensed as a server or a client. After first time login, the license page is displayed. To get a license key, first click on the Edit button. On the next page, click on **A**, the Get License Key for a **SERVER** or click on **B**, the Get Client Key for a **CLIENT**. Click OK to confirm and the license key will be auto populated. Finish by clicking **C**, Apply License Key and the controller will restart.

NOTE: The controller needs to access the Internet to obtain a license key.



6. When the controller is licensed for a server, after logging in, the system configuration Wizard is started. The Wizard is a guide that can be used to collect the basic information required to set up a system. The network settings can be configured in the Wizard or by browsing to the Network Configuration.
7. The network configurations may be also accessed through the Sitemap by first clicking the icon at the bottom of the page, then clicking IP Address under Network Settings.
8. After entering the network information, click Save & Reboot and the controller will reboot. Typically rebooting will take less than 2 minutes.
8. After disconnecting the programming computer, the controller is ready for the local network.



NOTE: System data may be lost if the controller is powered down without performing Save & Reboot.



Adding Clients to Systems

Some systems have the ability to add additional controllers to increase the number of doors, inputs or outputs or control elevators. Clients are configured through the system's server, but must first be linked to the server.

Setting the Client's Network

1. Connect a programming PC directly to the controller as described in the section Preparing for the Network.
2. Login using the default ID: *admin* and default PW: *admin*
3. After login, the client's network page is displayed. Click Edit.
4. Change the IP address of the client controller. It is recommended to set this to DHCP.
5. Enter the IP address of the server controller and the server's port number (the default port number is 20000).
6. Enter the password and click Save.

Network Information	
IP Type *	: <input type="radio"/> DHCP <input type="radio"/> Static
IP Address *	: 192.168.0.250
Subnet Mask *	: 255.255.255.0
Gateway *	: 192.168.0.1
DNS Server 1	: (Optional)
DNS Server 2	: (Optional)
HTTP Port	: 80 (Default: 80)

Server Information	
Server IP *	: 192.168.0.200
Port *	: 20000 (Default: 20000)
ID, Password	
ID *	: admin
Password *	:

Linking the Client to the Server

1. Login to the system's server.
2. After logging in, browse to the Site Management and select Client Management.
3. The client will appear in the client management list. Click on the button  to connect the client to the server.

No	Name	Type	IP Address	MAC Address	Alive	Version	Model No	
1	Client 1	Door 1	192.168.0.55	02:01:C1:DC:9B:99	On	5,00-01d	NEPTUNE-H501	  

System Configuration and Programming

The controller is programmed and managed using a web browser on any computer connected to the local area network. The controller's basic settings can be programmed using the Wizard tool. The Wizard tool helps ensure that the required settings are configured for normal operation.

For specific programming instructions, refer to the Users Programming Guide, Part Number 100104-SP.

Contact & Warranty Information

Speco Technologies
200 New Highway
Amityville, NY 11701

Phone: 800.645.5516
FAX: 631.957.9142
www.specotech.com

For Technical Assistance
Phone: 800.645.5516 option 3
email: techsupport@specotech.com

Refer to our website for warranty information.

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