



## iBoard® Quick Start Guide

1. Connect power. Apply +24VDC (not AC) to the terminal marked “+24V IN” and common or ground the the terminal marked “GND”.
2. Connect a CAT5 cable between the RJ-45 jack on the top and your network switch or hub. You cannot connect directly to your PC unless you use a “crossover” cable.
3. The default IP address as shipped is 10.0.0.101. If your PC is not already on the 10.0.0.0 domain, you will need to add a route on your PC. Do this by opening a command prompt. First type “ipconfig” and note the IP address listed. This is your PC’s IP address. Now type the command  

```
route add 10.0.0.0 mask 255.255.255.0 1.2.3.4
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but substitute your PC’s IP address for 1.2.3.4.

This generally works on Windows XP, but sometimes fails on Windows 2000 or older. If this fails, you will need to temporarily change your computer’s IP address to a fixed address that starts with 10.0.0. and ends with anything but 101.

4. Open your browser, and enter “http://10.0.0.101/” in the address window. You should see a page with the “i.CanDoIt” header shown above. From this point, you will find help on each page in the web site contained within the product. You can change the IP address on the System -> Setup -> Network page.

5. The default login is user name “system” with password “admin”. You can also log in as “root” using password “buster”.

6. Be sure to save any configuration changes you made on the System -> Setup -> Config File page



Click the Hardware Guide link on the index page for wiring information.

NOTE: If the yellow Link LED is not on, check your cable connections. It should be on any time power is applied and an Ethernet connection is present.

The server takes 1-2 minutes to boot up after power is applied. The two green LEDs just above the push button will be on (flickering) if the server is ready for browser activity.



i.Board® is shipped with a power supply. The stripped ends of the supply wire need to be inserted into the screw terminal block and screws tightened. **The wire with a gray stripe is the positive or +24VDC lead.** Insert the wire with the gray stripe into the terminal marked +24VDC. Connect the other lead to GND.



<p><b>Power</b></p>	<p>Connect +24VDC power to the +24V IN or power terminal. Connect common or -DC power to the GND terminal. All terminals labeled GND are electrically common to each other.</p>	<p>Power consumption is 150mA @ 24VDC. (i.Board can also operate on 12VDC @ 300mA. i.Board will not operate on AC.)</p>						
<p><b>Wiring Terminals</b></p>		<p>WARNING: The circuitry inside i.Board is static sensitive. You must use proper ESD protection when handling an open i.Board to avoid permanent damage (not covered under warranty). Contact <a href="mailto:support@csimn.com">support@csimn.com</a> if you have any questions about proper ESD protection.</p> <p>To open i.Board, squeeze the sides firmly and pull apart. There is no need for tools. Do not pry apart. You must squeeze the sides together to unlock the locking tabs in the corners of the case.</p> <p>Each input channel should have a single shunt installed on one of two possible locations. Select the voltage or thermistor position as noted in the above diagrams.</p>						
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