

Universal Actuator Tutorial

Part 3: Verifying Actuator Communication





 Click start. When the options expand, click on Control Panel, then System to open the System Properties screen.





2. On the System Properites screen, click Hardware, then Device Manager.



- 3. On the Device Manager screen, click the "+" by **Ports** to open the list of ports, and see where the USB serial port has been assigned.
- 4. Close the **Device Manager**, **System**, and **Control Panel** windows to return to the Desktop.

5. Click **start**, then mouseover **All Programs**.

When the list of programs expands, mouseover **Accessories**.

When the Accessories options are visible, mouseover **Communications**, then click **HyperTerminal** to open the program.





6. Enter the values requested regarding location information. If you have previously set up HyperTerminal, you will not see this screen. Proceed to the next step.

Phone and Modem Options	? 🗵
Dialing Rules	
The list below displays the locations you have specified. Select the location from which you are dialing.	
Locations:	
Location	Area Code
O My Location	253
Select the appropriate location and click OK	
New Edit Delete	
ОК	Cancel Apply

7. There will probably only be one location. If not, select the appropriate location before clicking **OK**.

Connection Description		? 🛛
New Connection		
Enter a name and cl Name:	Name this r connection "	new 'test"
test Icon:		
	🍅 🌄 🗛	nd click OK
	ОК	Cancel

8. When the screen opens for the new connection, name it "test", then click **OK**.

Connect To	? 🛛	
🦚 test		
Enter details for the phone number that you want to dial:		
Country/region: United Sta	Check to see th	at
Area code: 253	the assigned por	rtis
Phone number:	highlighted, the	en
Connect using: COM3	CIICK OK	
OK Cancel		

 In Step 3, we noted the port assigned during the driver installation. If a different port is highlighted, select the proper one and click **OK**.

COM3 Properties		
Port Settings	Click secono	on the Bits per I pull down menu
Bits per seco Data b	nd: 2400 110 300 1200 2400	~
Par Stop b	ity: 9600 19200 38400 57600 115200	Select 9600 and click OK
Flow cont	rol: 230400 921600	
Restore Defaults		
OK Cancel Apply		

10. On the Properties screen, set the baud rate by clicking on the arrow to open the **Bits per second** menu and selecting **9600**. Click **OK**.

COM3 Properties 🛛 🛛 🔀
Port Settings
Bits per second: 9600
Data bits: 8
Click to open the Flow control menu
Flow control: Hardware
Select None , then click OK

11. On the same screen, open the **Flow control menu**. Select **None**, and click **OK**.

test Properties	test Properties
Connect To Settings	Connect To Settings
Stest On the Properties	Function, arrow, and ctrl keys act as Terminal keys Windows keys Backspace key sends
Enter the area code	Ctrl+H O Del O Ctrl+H, Space, Ctrl+H Emulation:
Area code: 253	Auto detect 💽 Terminal Setup
Phone number:	Telnet terminal ID: ANSI
Connect using: COM3	Backscroll buffe Then
Configure	Play sound ASCII Setup ecting
✓ Use country/region code and area code Redial on busy	Input Translation ASCII Setup
OK Cancel	OK Cancel

12. On the next screen, test Properties, click Settings, then ASCII Setup.

test Properties ?X	test Properties 🔹 💽 🔀
test Properties Connect To Select this option ASC Select this option Connect To Char And this one Char And this one Select incoming data to 7-bit ASCII Wrap lines that exceed terminal width OK Cancel And then you Cancel	test Properties ? * Connect To Settings Function, arrow, and ctrl keys act as • • Terminal keys • Windows keys Backspace key sends • Windows keys Backspace key sends • Ctrl+H • Ctrl+H Del Ctrl+H, Space, Ctrl+H Emulation: Auto detect Terminal Setup Telnet terminal ID: ANSI Backscroll buffer lines: 500 • • Play sound when connecting or disconnecting • • In And OK again • • OK Cancel • •

13. On the ASCII setup screen, select **Echo typed characters locally** and **Append line feeds to incoming line ends.** Then click **OK** to close ASCII Setup, and **OK** again to close the Properties window.



14. Finally, we are at the screen where commands can be entered. Type stat <*enter>* for a status report. The response should look something like the screen at left, but the first line might indicate that the actuator's current position is something other than position 1.

- Image: Second Connected 0:01:12
 Auto detect
 SCROLL CAPS
 NUM
 Capture
- If the actuator is currently in position 1, type **go2** <*enter>*.
 If the status response indicates a current position other than position1, type **go1** instead.

You should hear the sound of the actuator motor running briefly as the actuator changes positions. If so, the actuator is ready to put into service. If not, contact VICI technical support for further assistance.

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TN-420-3 4/11