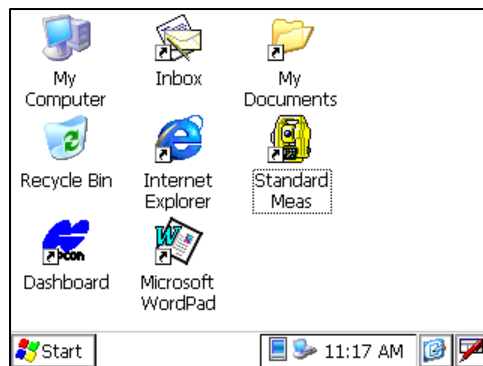
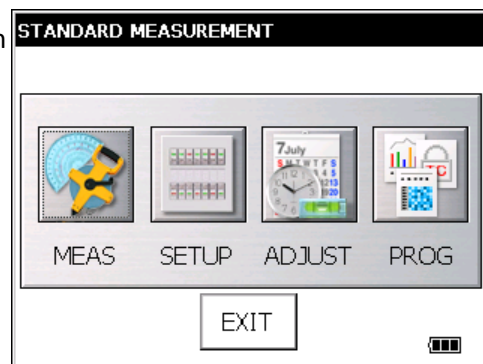


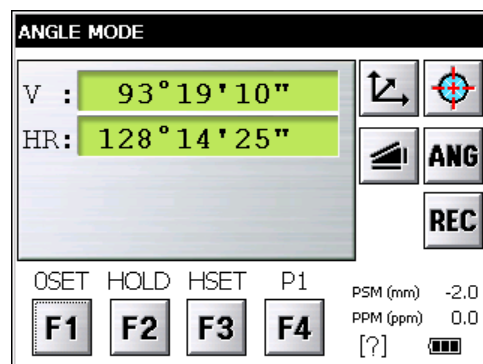
- 1) On the Topcon QS, always launch Standard Measure first (whether you plan to run Direct or Robotic)



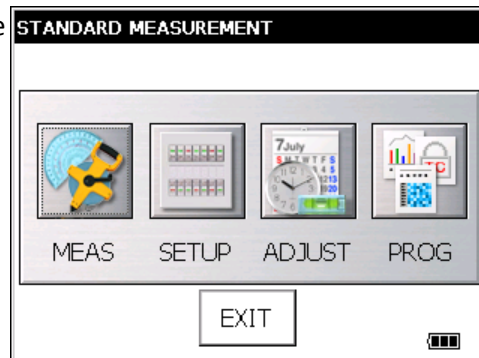
- 2) This is the first screen of "Standard Measure". To run in **Direct Mode**, press the "MEAS" icon, on the left.



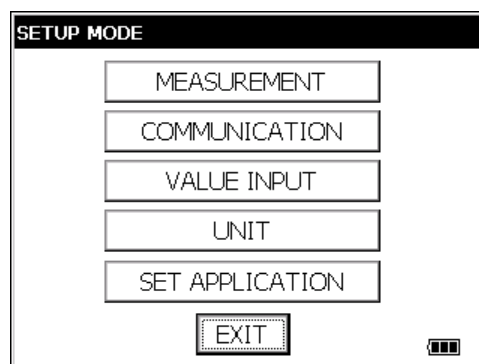
- 3) Once you are in the measure screen, you can run SurvCE and go into Equip / Total Station and set the Manufacturer to "**Topcon Direct**" and set the Model to "**QS**" {if QS is not listed you can select GPT-9000}



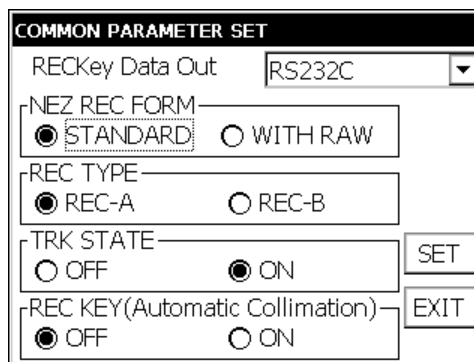
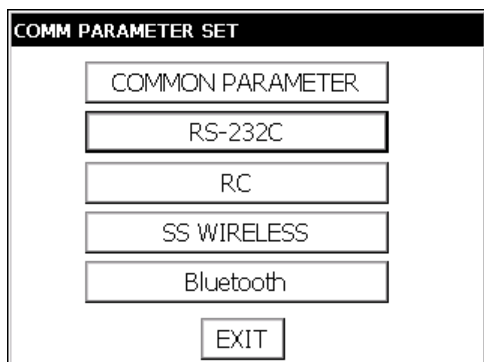
- 4) To change the settings for **Topcon DIRECT** mode, hit the “SETUP” icon from the main menu (second from the left).



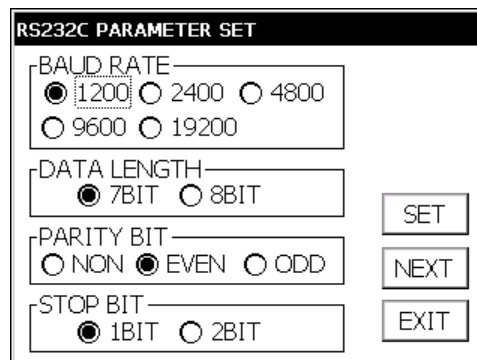
- 5) Choose the Communication button to get comm setup.



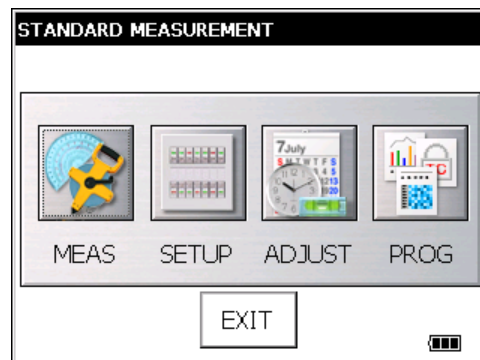
- 6) Tap “Common Parameter” to get the basics. Use the settings below for direct mode:



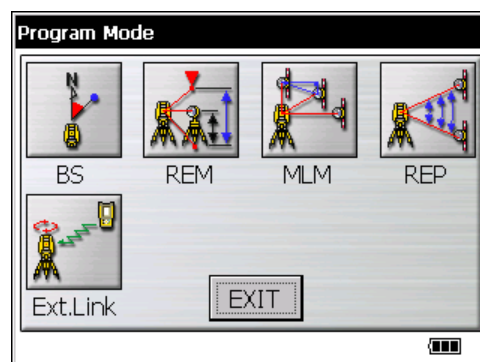
- 7) The RS232 specific settings are under RS232C. The other icons lead to RC, SS Wireless, and Bluetooth specific settings.



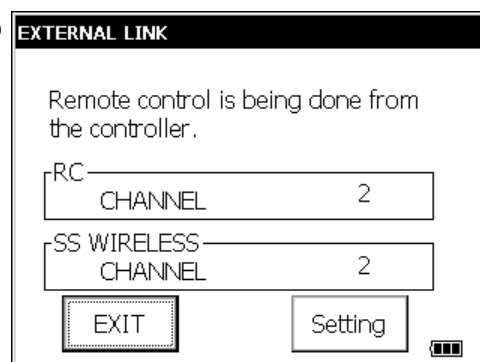
- 8) Back in the main menu, choose the “PROG” button to run in **Robotic Mode**.



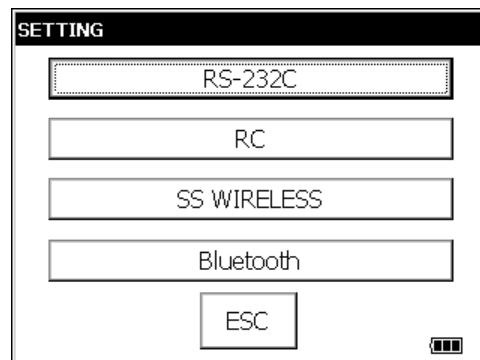
- 9) From the “Program Mode” screen shown to the left choose “Ext. Link”



- 10) For the QS, choosing “Ext. Link” automatically goes into robotic mode using the current settings.



- 11) To modify these settings, choose the “Setting” button.



- 12) **SS Wireless** Settings (use **REC-B** in robotic mode). This channel setting is the radio setting for the radio in the gun (the handle). Use SurvCE, or the buttons on top of the RC4, to change the remote radio.

SSWIRELESS PARAMETER SET	
SS WIRELESS <input checked="" type="radio"/> Enable <input type="radio"/> Disable	SET
REC TYPE <input type="radio"/> REC-A <input checked="" type="radio"/> REC-B	
TERMINATE <input checked="" type="radio"/> ETX <input type="radio"/> ETX+CR <input type="radio"/> ETX+CR+LF	
CHANNEL SET	
EXIT	

13) **RC Parameters:**

RC PARAMETER SET	
RC <input checked="" type="radio"/> Enable <input type="radio"/> Disable	SET
REC TYPE <input type="radio"/> REC-A <input checked="" type="radio"/> REC-B	
TERMINATE <input checked="" type="radio"/> ETX <input type="radio"/> ETX+CR <input type="radio"/> ETX+CR+LF	
CHANNEL 2 ▼	
NEXT	
EXIT	

14) **Bluetooth** Settings:

Bluetooth PARAMETER SET	
BLUETOOTH <input checked="" type="radio"/> Enable <input type="radio"/> Disable	SET
REC TYPE <input type="radio"/> REC-A <input checked="" type="radio"/> REC-B	
TERMINATE <input checked="" type="radio"/> ETX <input type="radio"/> ETX+CR <input type="radio"/> ETX+CR+LF	
PIN CODE SET	
EXIT	

12) **RS232C** Parameters:

RS232C PARAMETER SET	
BAUD RATE <input type="radio"/> 1200 <input checked="" type="radio"/> 2400 <input type="radio"/> 4800 <input type="radio"/> 9600 <input type="radio"/> 19200 <input type="radio"/> 38400	SET
DATA LENGTH <input checked="" type="radio"/> 7BIT <input type="radio"/> 8BIT	
PARITY BIT <input type="radio"/> NON <input checked="" type="radio"/> EVEN <input type="radio"/> ODD	
STOP BIT <input checked="" type="radio"/> 1BIT <input type="radio"/> 2BIT	
NEXT	
EXIT	