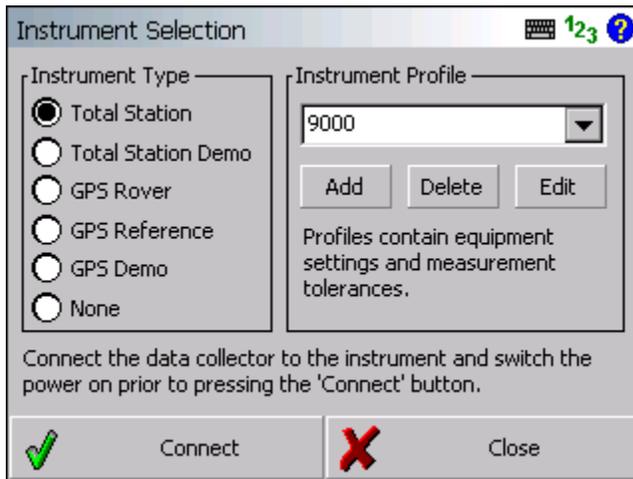
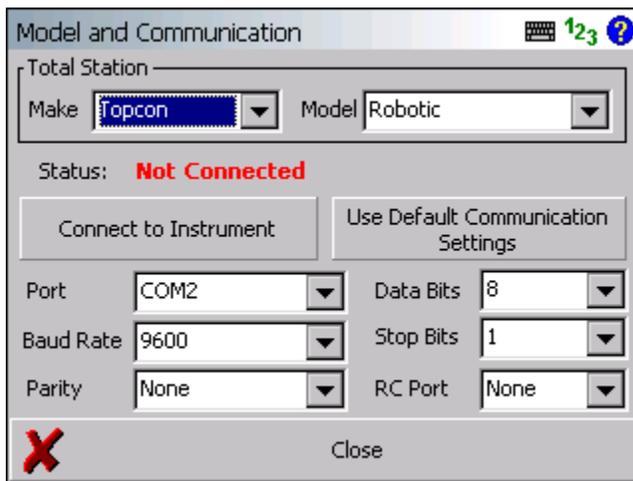


Configure FieldGenius on the FC-2200 Controller



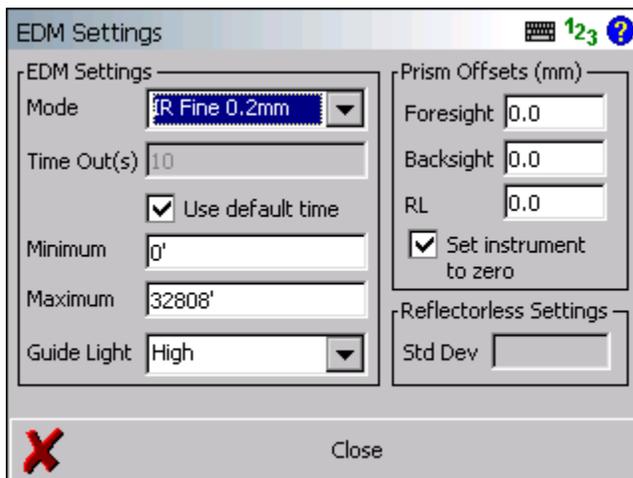
Instrument Profile

Add a profile for your Topcon 9000A, then Edit it to access the instrument settings.



Model and Communication

Make = Topcon
 Model = Robotic
 Baud Rate = 9600
 Parity = None
 Data Bits = 8
 Stop Bits = 1
If using the built-in RS-3 Radio...
 Port = COM2
 RC Port = COM8/COM9 (for Bluetooth)
 or COM1 (for cable connection)
If using RC-3R for communications...
 Port = COM8/COM9 (for Bluetooth)
 or COM1 (for cable connection)
 RC Port = None



EDM Settings

Select your desired default EDM Mode and other EDM Settings.

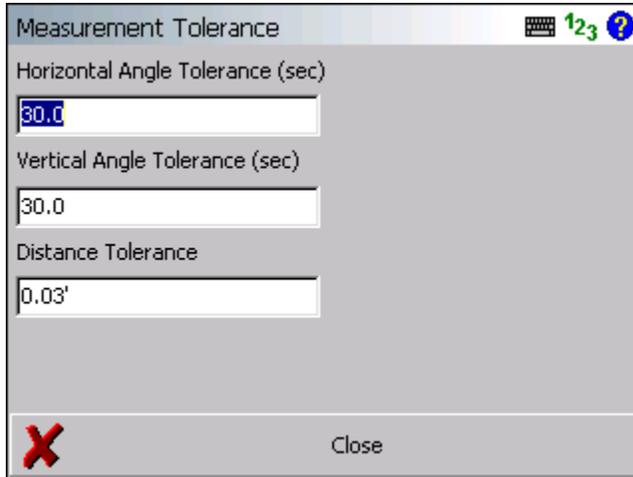
Prism Offsets

Enable the "Set instrument to zero" option, and enter your prism offsets as appropriate.

Please be sure to measure a known baseline to confirm your prism offsets.

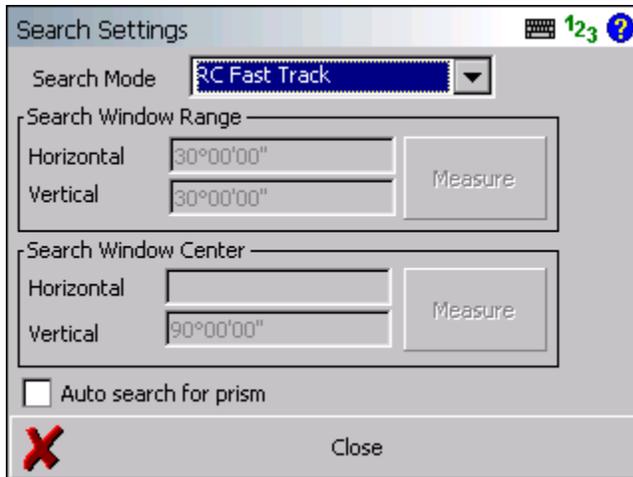
Reflectorless Settings

Not applicable.



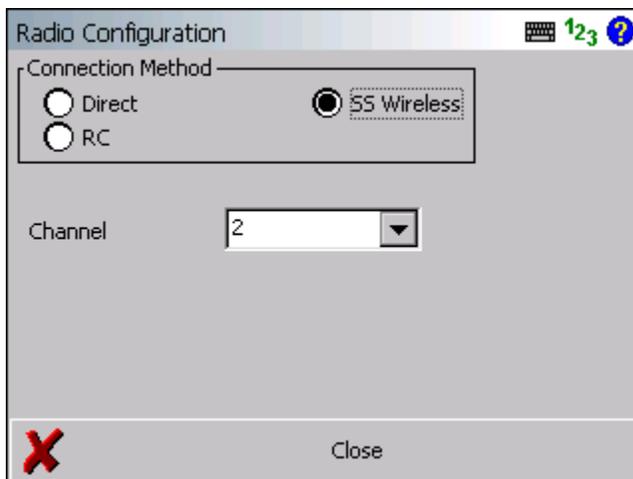
Tolerance Settings

Specify your desired multiset tolerances, or leave the default values.



Search Settings

Search Mode = RC Fast Track
 Enable the Auto search for prism option if desired, to force a prism search when you take a measurement while not locked onto the prism.



Radio Settings

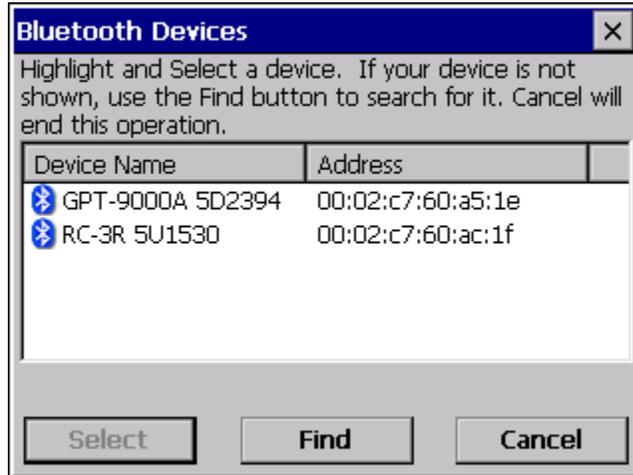
If using the built-in RS-3 Radio...
 Connection Method = SS Wireless
 Channel = 2 (match the channel set on the total station)

If using RC-3R for communications...
 Connection Method = RC

Bluetooth Connection Manager on the FC-2200 Controller

If you have specified either COM8 or COM9 as any of your communications ports, then when you press the “Connect” or “Connect to Instrument” buttons in FieldGenius, the FC-2200’s Bluetooth Manager will automatically appear.

Depending on settings in the total station, it may discover up to two devices:



GPT-9000A

This is the total station, and you would want to select it if using a direct (non-robotic) connection.

RC-3R

This is the RC unit, and you would want to select it if using a robotic connection.

If you do not see the required device, press the Find button to discover any nearby Bluetooth devices. You may also see various other devices listed depending on what else is in range of the FC-2200 controller, so just ignore anything else that you don’t want to use.

Highlight the name of the device you want to connect to then press the Select button.

Tip: To conserve battery power, disable Bluetooth on any devices that you will not be connecting with via a Bluetooth connection.