

Gintec G10 Configuration SXpad 800H Kit

Items included in the G10 box:

- Rugged carrying case
- G10 GNSS Receiver (L1-L2-L5, RTK) GSM/GPRS, UHF
- 2 external antennas (UHF and UMTS)
- 2 batteries
- 1 battery charger with cable
- 1 USB/RS232 – Lemo cable
- 1 bracket to mount controller on pole
- 1 antenna supporting pole 25 cm
- 1 calibration bracket

Items included in the SXpad box:

- 1 SXpad 800H unit
- 2 batteries
- 1 battery charger (2 slot) with cable
- 1 USB/mini USB adaptor
- 1 stylus
- 1 USB cable
- 1 screen protector

Setup G10 using SXpad 800H (FieldGenius)

Step 1.1: Start using SIM card inside G10

Use G10 already started with Web interface.





Turn ON G10 GNSS receiver.

Turn ON SXpad and have Windows Mobile started.

Start → FieldGenius

Open project.


Select instrument → GNSS Rover (Instrument Type) → Add new profile → Press **Edit** button.

Instrument Selection    

Instrument Type—



Total Station GNSS Rover
 Total Station Demo GNSS Reference
 None GNSS Demo

Instrument Profile—

Gintec G10 

Profiles contain equipment settings and measurement tolerances.

Always Auto-Reconnect

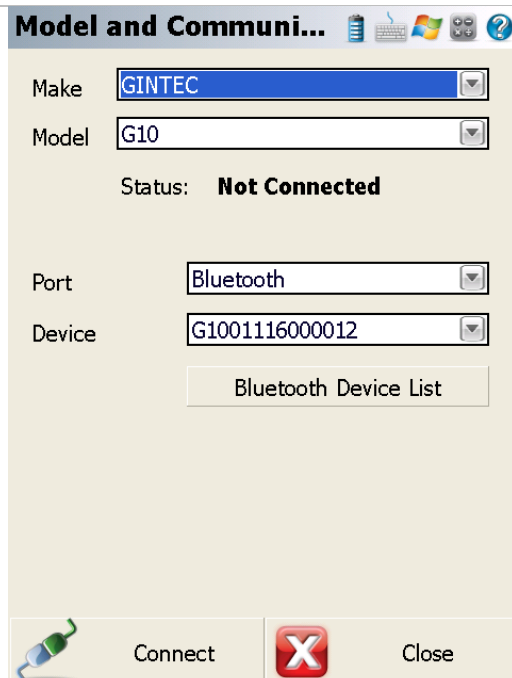
Step 1.2 : GNSS Profile

Select **Model and Communication**

Enter information related to your GNSS rover as shown in picture to the right.

Establish BT connection.

Press **Connect** button.



Model and Communi...

Make:

Model:

Status: **Not Connected**

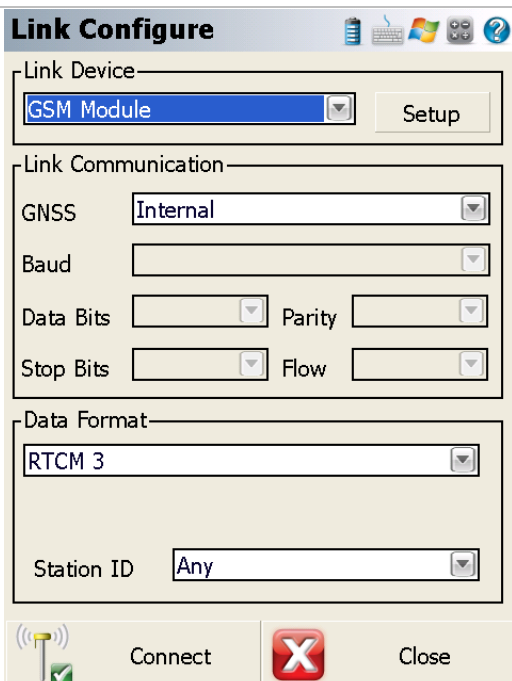
Port:

Device:

Step 1.3 : GNSS Reference Network Configuration

Enter information as shown in picture to the right.

Press **Setup** button.



Link Configure

Link Device:

Link Communication:

GNSS:

Baud:

Data Bits: Parity:

Stop Bits: Flow:

Data Format:

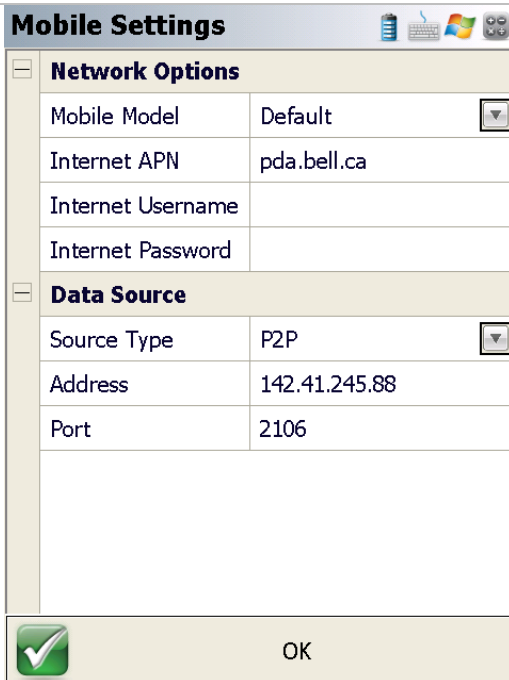
Station ID:

Step 1.4 : GNSS Reference Network Configuration

Enter information related to internet (cellular) provider as shown in picture to the right.

Enter the connection type and related parameter for the reference network.

Press **OK** button.



Mobile Settings

Network Options	
Mobile Model	Default
Internet APN	pda.bell.ca
Internet Username	
Internet Password	
Data Source	
Source Type	P2P
Address	142.41.245.88
Port	2106

OK

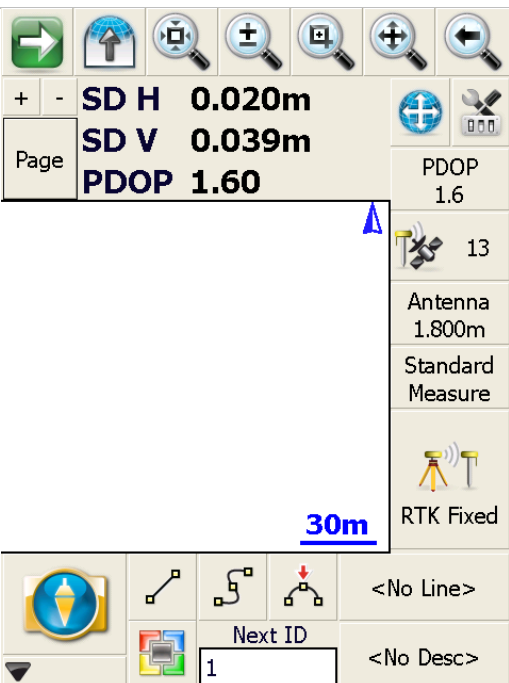
Step 1.5: GNSS Reference Network Connection

Back on **Link Configure** page...

Press **Connect** button.

Check satellites acquisition and positioning result as shown in picture to the right:

Status = RTK Fixed



Navigation icons: Home, Back, Forward, Search, etc.

+ -	SD H 0.020m	Antenna	13
Page	SD V 0.039m	Antenna	1.800m
	PDOP 1.60	Standard Measure	
		RTK Fixed	

30m

<No Line>
Next ID
1
<No Desc>