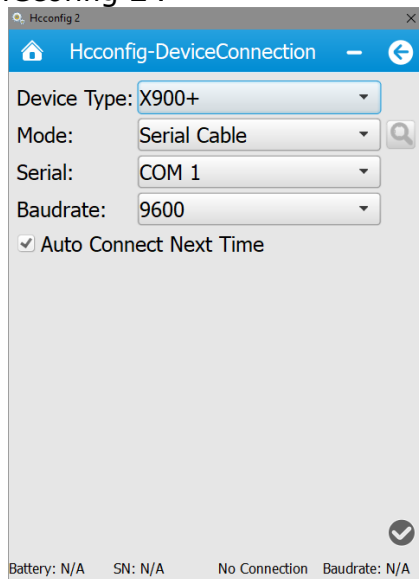


Setting a iG3s as a RTK Base with a Known Position

Date: 13 June 2017

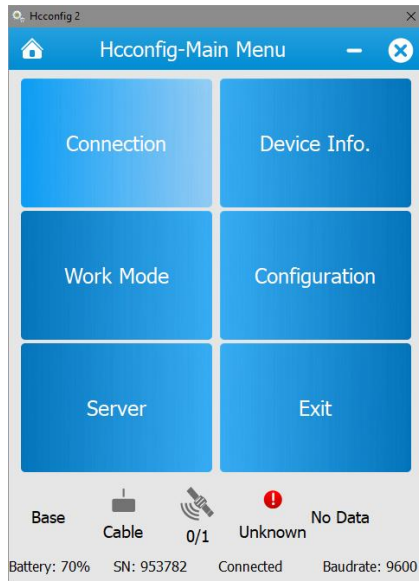
By: Mark Silver, ms@igage.com, +1-801-412-0011

1. Get the latest version of HCConfig version 2.0 or higher. Install on your PC.
2. Run 'HCconfig 2'.



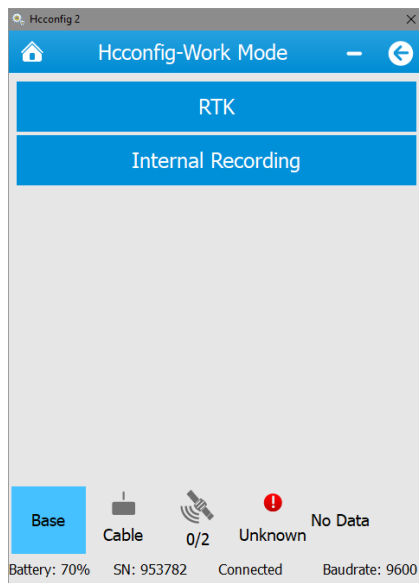
Configure serial parameters, then click the check mark in lower right corner. Hcconfig2 will say 'Connection Successful'. Note: if you have previously configured the head as a base at a different baud rate, you need to set the baud rate to match.

3. Click on 'Work Mode':



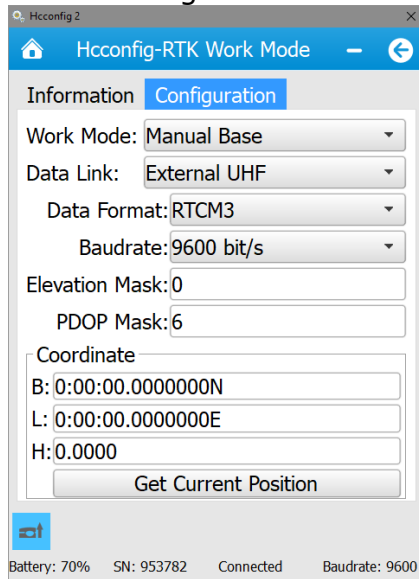
2

4.



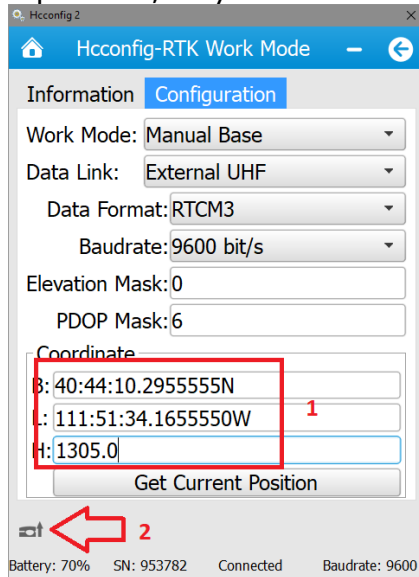
Click on 'RTK' button.

5. Click on the 'Configuration' tab:



3

6. Select 'Manual Base', 'External UHF', desired 'Data Format' (typically RTCM3), choose the desired baud rate (9600 suggested). You can click on the 'Get Current Position' to see the B,L,H with your current position then edit the position, or you can enter your desired position:



B: (Latitude) L: (Longitude) H: (Ellipsoid Height)

Click on the upload button in lower left corner (it looks like a receiver with an arrow pointing up.)

7. Wait (about 30 seconds) for the changes to be stored. Hcconfig2 will return to the main menu, exit Hcconfig and then turn the head off.
8. Turn the head back on, when it tracks sufficient SV's it will begin broadcasting with the configuration.

Good luck!