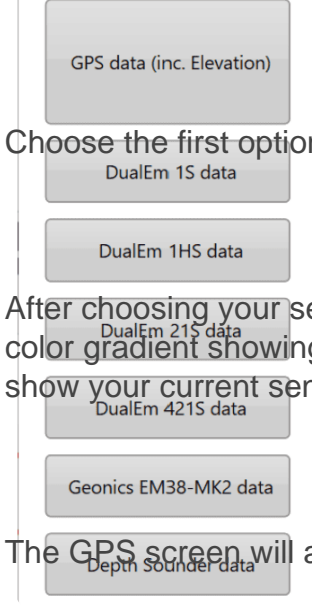


# Surveying with extra sensors (T3RRA Survey only)

you to bring data in from additional survey types. When you hit the “start” button to begin surveying, you will be presented with various options.



Choose the first option (GPS data) if you don't have anything additional to collect with.

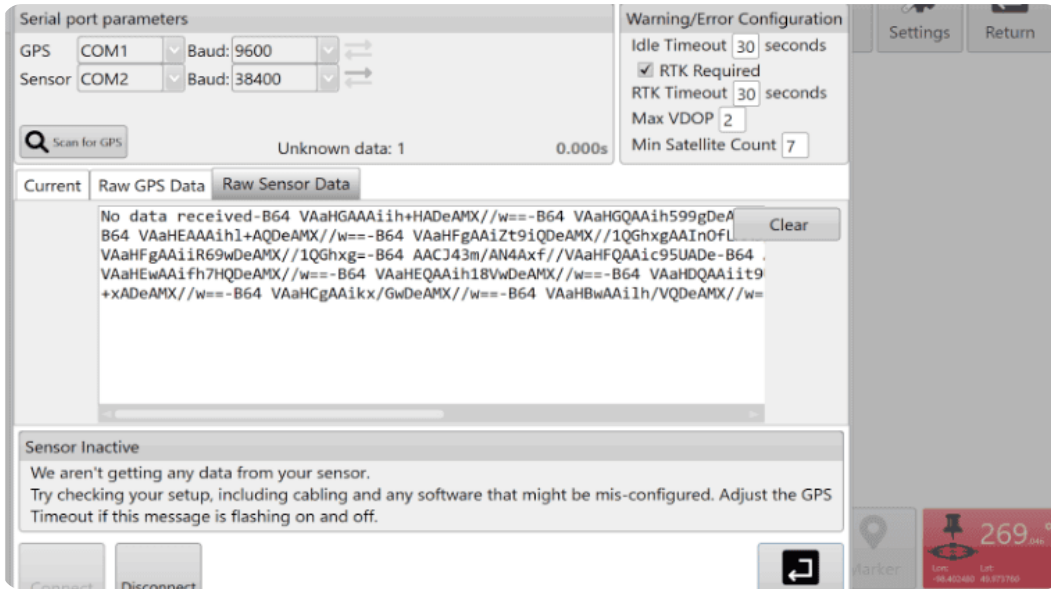
After choosing your sensor, the collected elevation points will be based on the sensor, so you get a color gradient showing the collected sensor data. The “Current” in the top left of the screen will also show your current sensor value.

The GPS screen will allow you to debug the sensor data

After you've selected your sensor, surveying works the same as for the other tools, so read on to learn more about the available options to you.

## How to export/view surveyed data

To export all the data gathered in the survey, go out to the wizard step and go to the final step “Export”. Currently, “CSV” and “PCT AgCloud” exports will allow the sensor data to be retrieved.



The screenshot displays the T3RRA software interface with the following sections:

- Serial port parameters:** GPS set to COM1, Baud: 9600; Sensor set to COM2, Baud: 38400. Includes a "Scan for GPS" button and "Unknown data: 1" at 0.000s.
- Warning/Error Configuration:** Idle Timeout: 30 seconds;  RTK Required; RTK Timeout: 30 seconds; Max VDOP: 2; Min Satellite Count: 7. Includes "Settings" and "Return" buttons.
- Current Data:** Tabs for "Raw GPS Data" and "Raw Sensor Data". The "Raw GPS Data" tab is active, showing a "Clear" button and a text area with the following data:

```
No data received-B64 VAaHGAAiih+HAdEMX//w=-B64 VAaHGQAAih599gDeA  
B64 VAaHEAAAih1+AQDeAMX//w=-B64 VAaHFgAAiZt9iQDeAMX//1QGhxgAAInOFL  
VAaHFgAAiR69wDeAMX//1QGhxg=-B64 AACJ43m/AN4Axf//VAaHFQAAic95UADe-B64  
VAaHEwAAih7HQDeAMX//w=-B64 VAaHEQAAih18VwDeAMX//w=-B64 VAaHDQAAiit9  
+xADeAMX//w=-B64 VAaHCgAAikx/GwDeAMX//w=-B64 VAaHBwAAih/VQDeAMX//w=
```
- Sensor Inactive:** A message box stating "We aren't getting any data from your sensor. Try checking your setup, including cabling and any software that might be mis-configured. Adjust the GPS Timeout if this message is flashing on and off." Includes "Connect" and "Disconnect" buttons.
- Bottom Right:** A red status bar showing "269" and a "marker" icon.