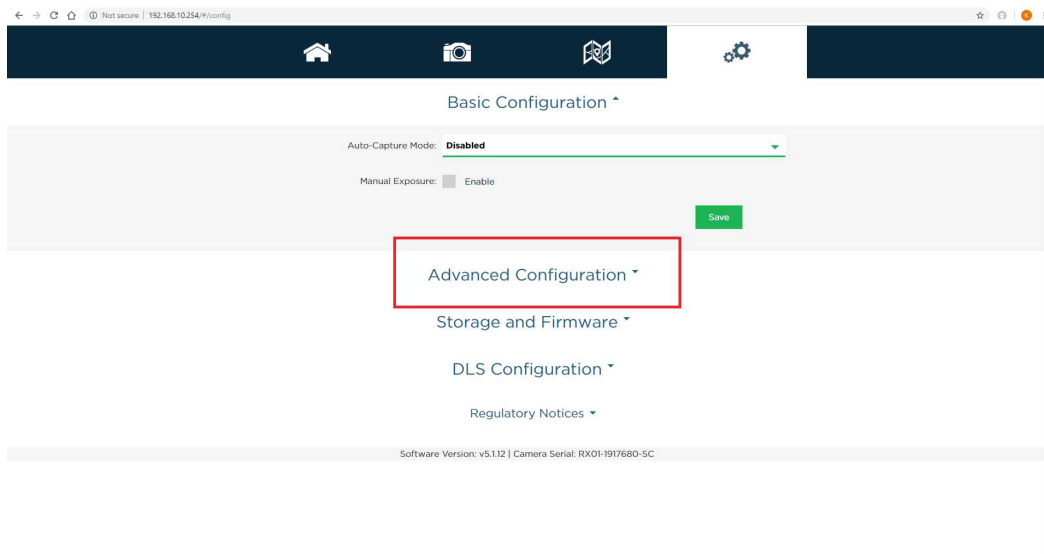


Klau Geomatics

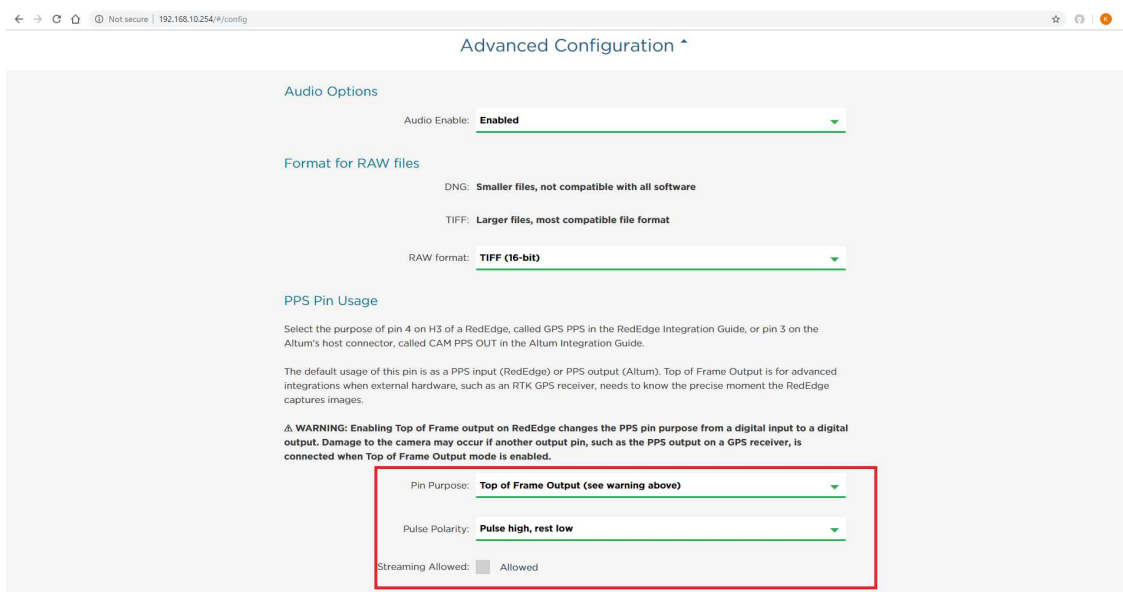
RedEdge Integration

Sensor Configuration:

- Before any connections are made between the RedEdge sensor and the KlauPPK, the sensor must be configured correctly or damage can be caused.
- Connect to the sensor via PC and open the configuration page. Select “Advanced Configuration”.

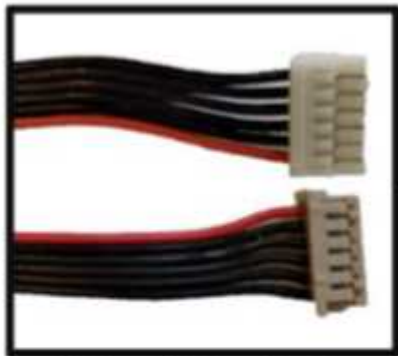


- “Pin Purpose” and “Pulse Polarity” need to be set as shown in the picture below.

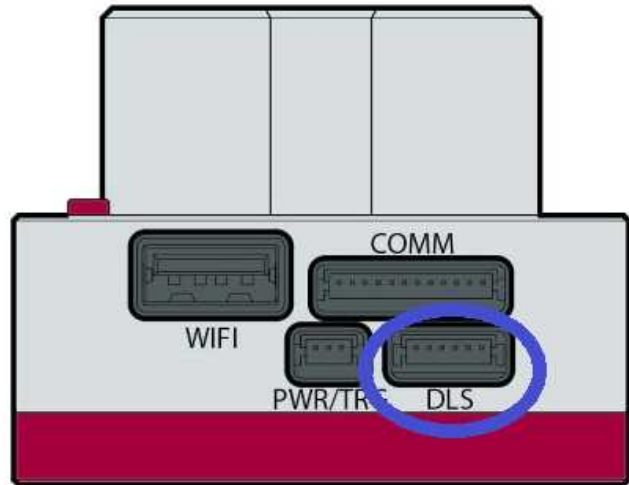


Hardware Connections:

- The cable pictured below will require modification to enable the hardware connection. (Pin 1 is indicated by the Red wire). This cable connects to the sensor via the “DLS” port, circled in Blue.



**JST-GH 6-pin to
DF13 6-pin**



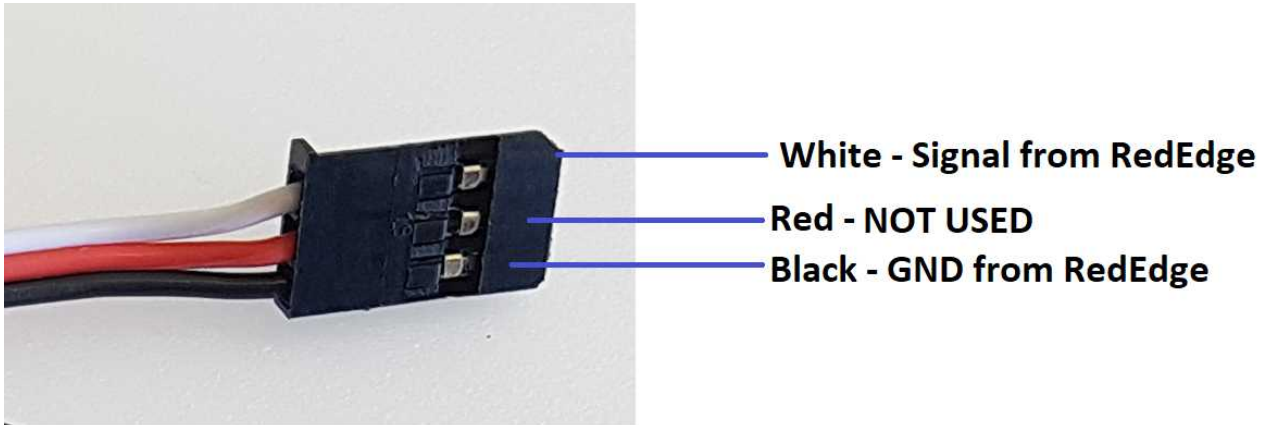
- Locate and expose wires 4 and 6.

Pin #	Signal	Direction
1	5.0 V DC Output	Output From Camera
2	DLS 2/GPS RX	Output From Camera
3	DLS 2/GPS TX	Input To Camera
4	GPS IO 0 (Configurable)	Input To Camera/Output from Camera
5	GPS IO 1 (Configurable)	Input To Camera/Output from Camera
6	Ground	Ground
Connector on Camera		
Hirose DF13A-6P-1.25H(51)		
Mating Connector		
Hirose DF13-6S-1.25C		
28AWG wire recommended		

- Wire 6 from the sensor (Ground) connects to the Black (Ground) wire of the PPK’s servo connector, as shown below.

- Wire 4 from the sensor connects to the White wire of the PPK's servo connector, as shown below.

Note: Wire 4 should now be disconnected from the DLS2, only a connection between the RedEdge and KlauPPK is required.



- To verify that the process was successful, connect the sensor and PPK then power them both.
Manually trigger the sensor while visually monitoring the “Event” LED on the PPK unit. The LED is expected to pulse when the sensor is triggered.