# Field Deployment Manual – Wiring.

### Nucleo Board and Ultrasonic Sensor

* Connect nucleo board to power via USB port.
* Connect trigger pin of ultrasonic sensor to GPIO pin on nucleo board
* Connect echo pin of ultrasonic sensor to GPIO pin on nucleo board
* Connect ground of ultrasonic sensor to ground pin on nucleo board
* Connect 5V pin of ultrasonic sensor to 5V pin on nucleo board

### TurtleBot:

* Connect TurtleBot to provided LiPo battery via supplied cord.