# Field Deployment Manual – Wiring.

### Nucleo Board and Ultrasonic Sensor

* Connect nucleo board to power via USB port.
* Connect RX of ultrasonic sensor to TX of nucleo board
* Connect TX of ultrasonic sensor to RX of 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 attached USB cord.

### M5Core2:

* Connect M5Core2 to laptop power supply or battery source through provided USB cord.