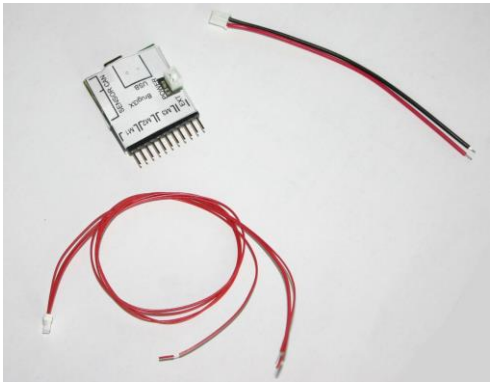
Brugi3X First Steps

What you need :

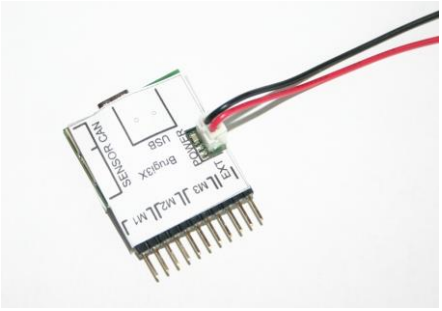
- Brugi3X incl. Onboard IMU , Sensor and Power-cable



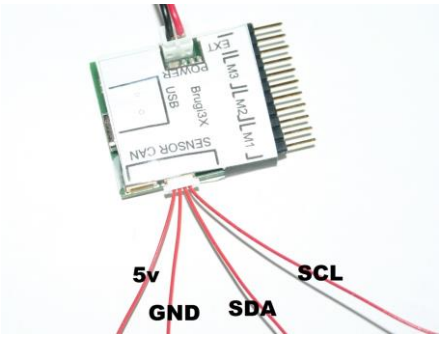
- External IMU with mpu6050 or mpu9150 Sensor (not incl.) (GY-521 is a good choice)
- USB Mini cable
- 2-4s Lipo Battery
- Brushless Gimbal Motors
- Brushless Gimbal Mechanic

Wire it up :

1. use the Black/Red cable to connect the Battery/Power Source



2. use the Red (4 Wire) cable to connect the Sensor
- only SDA , SCL , 5v and GND is needed



3. connect the Motors
- the 3 Motors are connect to the M1,M2 and M3 port
- Yaw is connect to M1
- Pitch is connect to M2
- Roll is connect to M3

4. Optional
- You can Optional connect a IR LED or Shutter Cabel to the “EXT” Port to control the Camera Trigger
- The “Can” Connector is for different Options :
- - Multiwii Serial Protocol for Tilt Control
- - Mavlink Serial Protocol for Tilt Control
- - Brushlessgimbal Serial Protocol for Tilt Control
- - third IMU
- - Bluetooth Modul for Wireless Control and adjustment