# SENSORS

The science payload shall measure/monitor/record/transmit the following while gliding in the air,

1. Altitude. Air pressure sensor.
2. Air speed. GPS----TX stuff
3. Particulate matter/dust. GP2Y1010AU0F Dust Sensor
4. GPS data. GPS (Time, Lat, Long, Alt, #satellites)
5. Battery voltage. PEYUA51 voltage sensor
6. Outside temperature. Temperature sensor
7. Telemetry. XBEE
8. Video. OV7670
9. Propeller speed of glider. KY-024 linear magnetic hall module
10. Data (data storage) MicroSD card module