

Power unit:

7.4V 2200mAh
LiPo Battery

D15V70F5S3
Step-Down VR

7.4 VDC

5 VDC

Processing unit:

BeagleBone
Black

FlyMaple

Communication unit:

Revox Pro
5.8GHz
400mW AV
Tx

FrSky DF
2.4Ghz
Receiver

XBee Pro Module-ZB Series 2
USB XBee Adapter

Actuator unit:

SBL1360N
motor controller

Maestro servo
controller

Graupner
Compact-135
7.4V DC motor

HSG-8315BH
servo motors

Sensor unit:

Turnigy Micro FPV Cam

Pololu MinIMU-9 v2

GPS module