

	Continous power	Duty cycle power	Notes
Microcontroller	8mA	4mA (50%)	nRF52832, Nordic at 64 MHz
Wireless data	5mA	1.2 mA (24%)	BLE 4.2 on nRF52832
IMU	3.9 mA	1.8mA (50%)	6-axis fusion on MPU6050
Encoders	20 mA (10mA each)	10 mA (50%)	Infrared-based
Camera	90 mA	0.96 mA (1%)	5 Megapoxel
Motor	92 mA (46mA each)	46 mA (50%)	DC gear motors
TOTAL	153mA	64 mA	