

Appendix

KV (rpm/V)	930
WEIGHT (g)	89
TEST DATA	
PROP	10x3.8 in
THRUST	1000 g
CURRENT	14.5 A

Table 1) Motor specifications

DIMENSIONS	$20 \times 13 \times 3$ mm
WEIGHT	0.7 g
SENSIVITY GYRO	± 250 , ± 500 , or $\pm 2000^\circ/\text{s}$
SENSIVITY ACCELEROMETER	± 2 , ± 4 , ± 8 , or ± 16 g
SENSIVITY COMPASS	± 1.3 , ± 1.9 , ± 2.5 , ± 4.0 , ± 4.7 , ± 5.6 , or ± 8.1 gauss

Table 2) IMU specifications

MICROCONTROLLER	Atmega 328
INPUT VOLTAGE	7-12V
DIGITAL PINS	14
ANALOG PINS	6
FLASH MEMORY	32 KB
CLOCK SPEED	16 MHz

Table 3) Arduino specifications