



# SPECIFICATION

## MECHANICAL & ELECTRICAL CHARACTERISTICS

Working Current	Static current: 400mA / 12V
	Dynamic current: 800mA / 12V
	Locked motor current: Max 4.0A / 12V
Operating Temperature	5° F ~ 120° F (-15° C ~ 50° C)
Weight	1.0 lb (470 g)
Gimbal Dimension	157(W) x 170(D) x 180(H)

## PERIPHERAL

Input Power (Including UBEC)	14-52V
Operating Power	12V
Connections	USB 2.0, CAN, UART, S-bus, Spektrum, PPM, Bluetooth
PC Assistant Software Requirements	Windows XP or above; Mac OS X 10.9 or above
Mobile Assistant Software Requirements	iOS 7.1 or above; Android 4.3 or above

## WORKING PERFORMANCE

Angular Vibration Range	$\pm 0.02^\circ$
Maximum Controlled Rotation Speed	Pan axis: 100°/s
	Tilt axis: 100°/s
	Roll axis: 100°/s
Mechanical Endpoint Range	Pan axis control: $\pm 330^\circ$
	Tilt axis control: $+135^\circ$ to $-45^\circ$
	Roll axis control: $+45^\circ$ to $-90^\circ$
Controlled Rotation Range	Pan axis control: $\pm 330^\circ$
	Tilt axis control: $+135^\circ$ to $-45^\circ$
	Roll axis control: $\pm 45^\circ$

## DIMENSION & CAMERA CAGE



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