



S1

SPECIFICATION

Release date: February 12, 2020 - V.1.0

SPECIFICATION

MECHANICAL & ELECTRICAL CHARACTERISTICS

Working Current	Static current: 300mA/14.5V
	Dynamic current: 600mA/14.5V
	Locked motor current: 4A/14.5V
Operating Temperature	32° F ~ 120° F (0° C ~ 50° C)
Weight	1.8 lbs (830 g)
Gimbal Dimension	150(W) x 168(D) x 220(H)

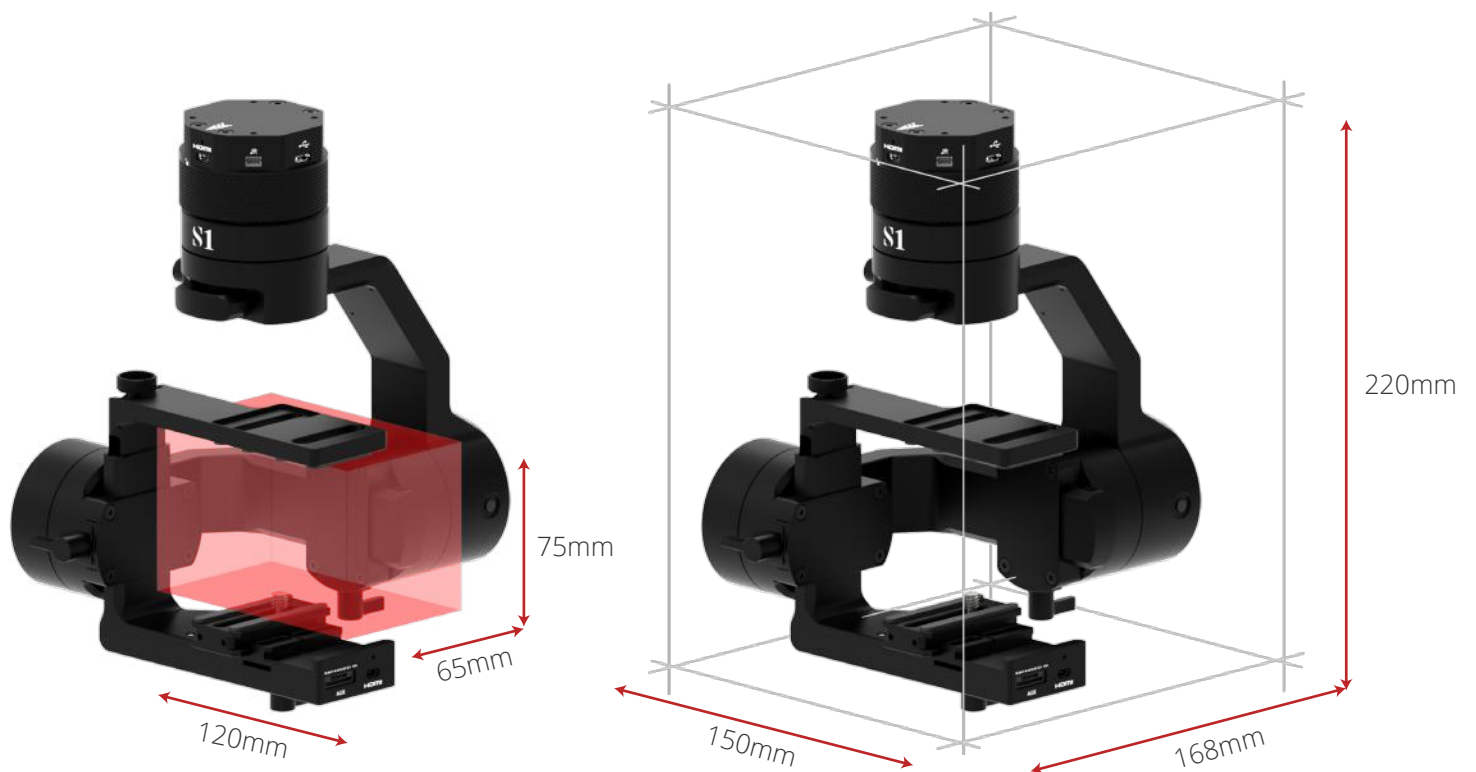
PERIPHERAL

Camera Tray Dimensions	Maximum depth from the center of gravity on camera base plate: 65mm
	Maximum height measured from top of camera base plate: 75mm
	Maximum width: 120mm
Input Power	15-52V
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

Maximum Payload	1.6 lbs (750 g)
Angular Vibration Range	± 0.02°
Maximum Controlled Rotation Speed	Pan axis: 180°/s
	Tilt axis: 180°/s
	Roll axis: 180°/s
Mechanical Endpoint Range	Pan axis control: ±345°
	Tilt axis control: +160° to -190°
	Roll axis control: +50° to -100°
Controlled Rotation Range	Pan axis control: ±345°
	Tilt axis control: ±120°
	Roll axis control: ± 45°

DIMENSION & CAMERA CAGE



CAMERA COMPATIBILITY

 Flir DUO Pro R	 Flir DUO Pro	 Flir DUO	 Wiris Pro	 Wiris Security
 CWSI Camera	 Wiris	 Wiris Mini	 Altum	 TeAx Fusion
 TeAx Fusion Zoom	 Keii HL2-640	 RED Edge	 RED Edge M	 Sony DSC-QX10
 Sony DSC-QX30	 BMMCC	 Sony A5xxx Series	 Sony A6xxx Series	 Sony RX100 Series

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