

HEIGHT TECH

HT-8



The HEIGHT TECH HT-8 is the universal and solid carrying platform for a multitude of sensors, allowing for maximum flexibility in various fields of application. The high precision camera gimbal allows for stable images in high quality. With a wind stability of up to 55 km/h the HT-8 can be used even under tough conditions.

Unique and flexible: With a maximum takeoff weight of 5000 g, the HT-8 can carry a payload of up to 2400 g (without gimbal).

Combined with the large, servo-driven L-gimbal, the HT-8 can carry large and heavy cameras and sensor equipment.

With eight engines the HT-8 provides maximum security when it comes to engine failures. The dimensions of the octocopter ensure high visibility even on large distances. This ensures a much larger operation radius than smaller systems.

UAV	
Size	1195 mm x 1195 mm x 433 mm
Propeller	11" x 5"
Number of Propeller	8
Engines (rpm/V)	700 kV
Empty weight (without battery & camera)	2.600 g
Payload (Gimbal) *	900 g (BL-Gimbal), 1400 g (servo gimbal)
Take-off weight	max. 5.000 g
Flight time	max. 17 min.
Ascension rate	10 m/s (manual mode), ca. 3 m/s (GPS)
Speed above ground max.	55 km/h (manual mode), 30 km/h (GPS)
Range radio control	max. ca. 4.000 m
Recommended range	ca. 250 m (in visual line of sight)
Operating temperature	-10° C - +40° C
Operating voltage	14,8 V
Battery warning	2 independent systems (acoustic and optic)
Position Hold	GPS, GLONASS, Galileo, BeiDou
IMU	9 DOF + barometer

Gimbal	
Pitch angle vertical	90°
Rotating angle horizontal	+/- 30°

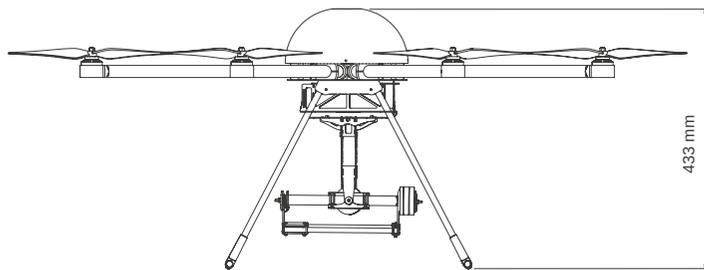
Flight battery	
Battery type	4S Lithium-Polymer (LiPo)
Capacity	6.750 mAh
Power	99 Wh
Voltage	14,8 V
Weight	600 g

Ground control	
Frequenz	2,4 GHz
Sending power	100 mW EIRP
Telemetry	2,4 GHz
Video downlink	5,8 GHz, 25 mW
Battery	1S 6P Li-Io 6.000 mAh
Operating voltage	3,2 - 4,8 V
Waypoint telemetry (opt.)	868 MHz

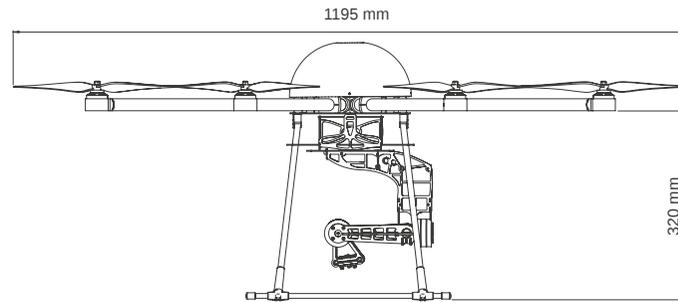
* Only use sensor systems approved by HEIGHT TECH. The total weight may differ due to on-board equipment.

_HT-8 C180 DIMENSIONS

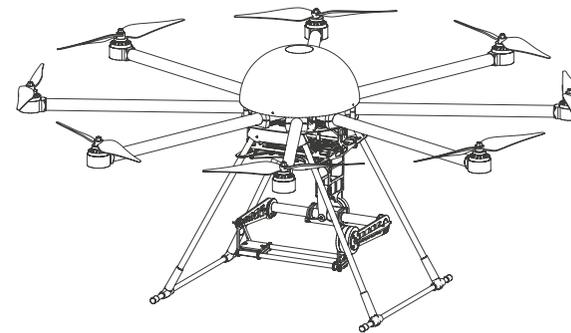
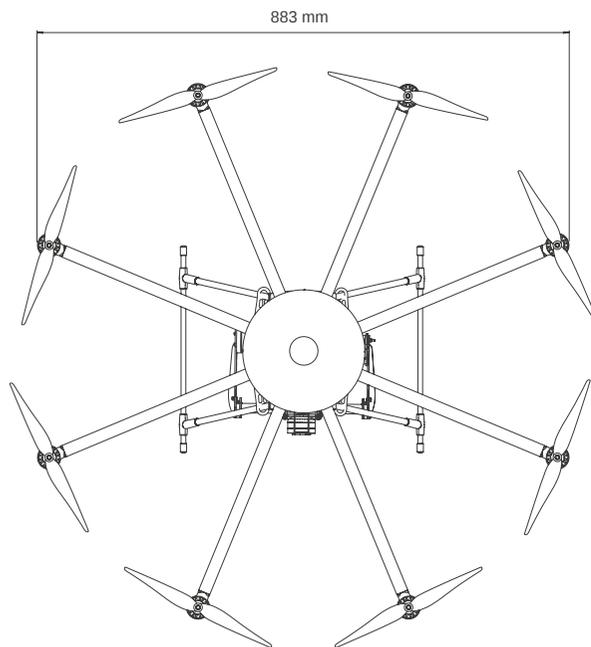
Front view



Side view



Top view





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