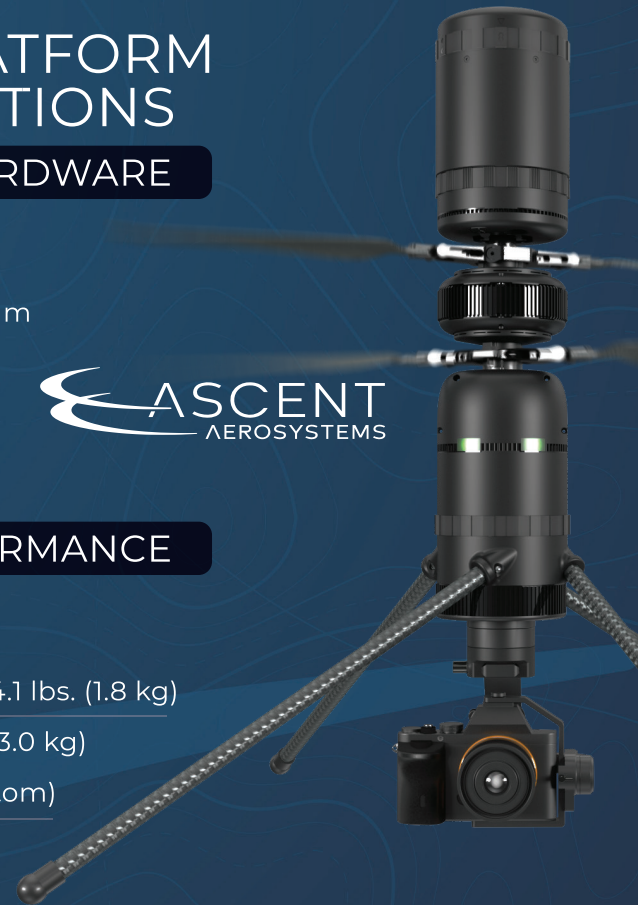


## HARDWARE

<b>AIRFRAME DESIGN</b>	Coaxial Unmanned Aerial Vehicle
<b>MATERIALS</b>	Polycarbonates, composites, aluminum
<b>HEIGHT</b>	12.0 inches (305 mm)
<b>CORE DIAMETER</b>	4.2 inches (106 mm)
<b>TIP-TO-TIP SPAN</b>	25.5 inches (648 mm)



## PERFORMANCE

<b>MAX TAKEOFF WEIGHT</b>	13.5 lbs. (6.1 kg)
<b>CORE WEIGHT</b>	Core Vehicle (no battery or payload) 4.1 lbs. (1.8 kg)
<b>MAX PAYLOAD</b>	Maximum available payload: 6.5 lbs. (3.0 kg) Supports dual payloads (top and bottom)
<b>DRIVE SYSTEM</b>	Direct drive with 2x brushless motors
<b>POWER</b>	12S 44.4 volts Lithium-ion
<b>ENDURANCE</b>	<b>ONE BATTERY:</b> 38 min. w/ no payload   16 min. w/ max payload <b>DUAL BATTERY:</b> 58 min. w/ no payload   32 min. w/ max payload
<b>MAX ALTITUDE</b>	14,600 feet above MSL (5,000 m) demonstrated
<b>MAX SPEED</b>	Manual: >60 mph (100 kph, 27 m/s) Auto (Recommended): 40 mph (65 kph, 18 m/s)
<b>ENVIRONMENTAL</b>	IP56 <b>OPERATING TEMP:</b> -40 to 130F (-40 to 54C) <b>WIND RESISTANCE:</b> CLASS 8 (40mph+)

## COMMAND & CONTROL (C2)

<b>AUTOPILOT</b>	Pixhawk Cube. NDAA-compliant, Blue sUAS approved MAVLink compatible Commercial specifications standard, Domestic & MIL-spec Other autopilots and encrypted communications standards available
<b>GPS</b>	GPS, GLONASS, BEIDUO + RTK support
<b>GROUND CONTROL STATION</b>	Manual mode 2-stick control, autonomous navigation w/integrated HD touchscreen LCD (Herelink, UXV Navigator Tab3, Auterion SkyNav)
<b>C2</b>	Alternative options include ruggedized Windows PCs, Android, iOS, RFD900x, DoodleLabs, Microhard, Silvus, Persistent Systems & custom applications
<b>AIRBORNE VIDEO INPUTS</b>	Dual HDMI inputs support simultaneous use of two airborne sensors