

LOKI MkII

sUAV RECON SYSTEM

SKY-HERO

by AXON

TACTICAL QUADCOPTER FOR SHORT-RANGE RECONNAISSANCE

The Sky-Hero by Axon Loki MkII is an indoor small uncrewed air vehicle (sUAV) system purpose-built for close quarters, under-roof tactical scouting missions. Reliable and rapid situational awareness allows for precise decision making while minimizing risks to team safety.

The Sky-Hero by Axon Loki MkII is controlled by the GCS MkII, and can be flown under the control of a single operator alongside the Sigyn MkI and Narfi MkI.

FEATURES AND BENEFITS

INTUITIVE FLIGHT CONTROLS

Automatic altitude hold and speed control functions for intuitive piloting

3D POSITION HOLD

Precise GPS-like 3D position even in total darkness

WIDE-ANGLE LOW LIGHT CAMERA

Forward-facing, ultra low light day and night camera with a 150-degree viewing angle without fisheye

SPECIALIZED MODES

Modes such as Floor (rover style), and Turtle (smart directional flip) for enhanced indoor operations

DURABLE IMPACT-RESISTANT DESIGN

Body structure made of impact-resistant polycarbonate allows for hand-thrown launches and precise assisted landing

ENHANCED VISUAL CAPABILITIES

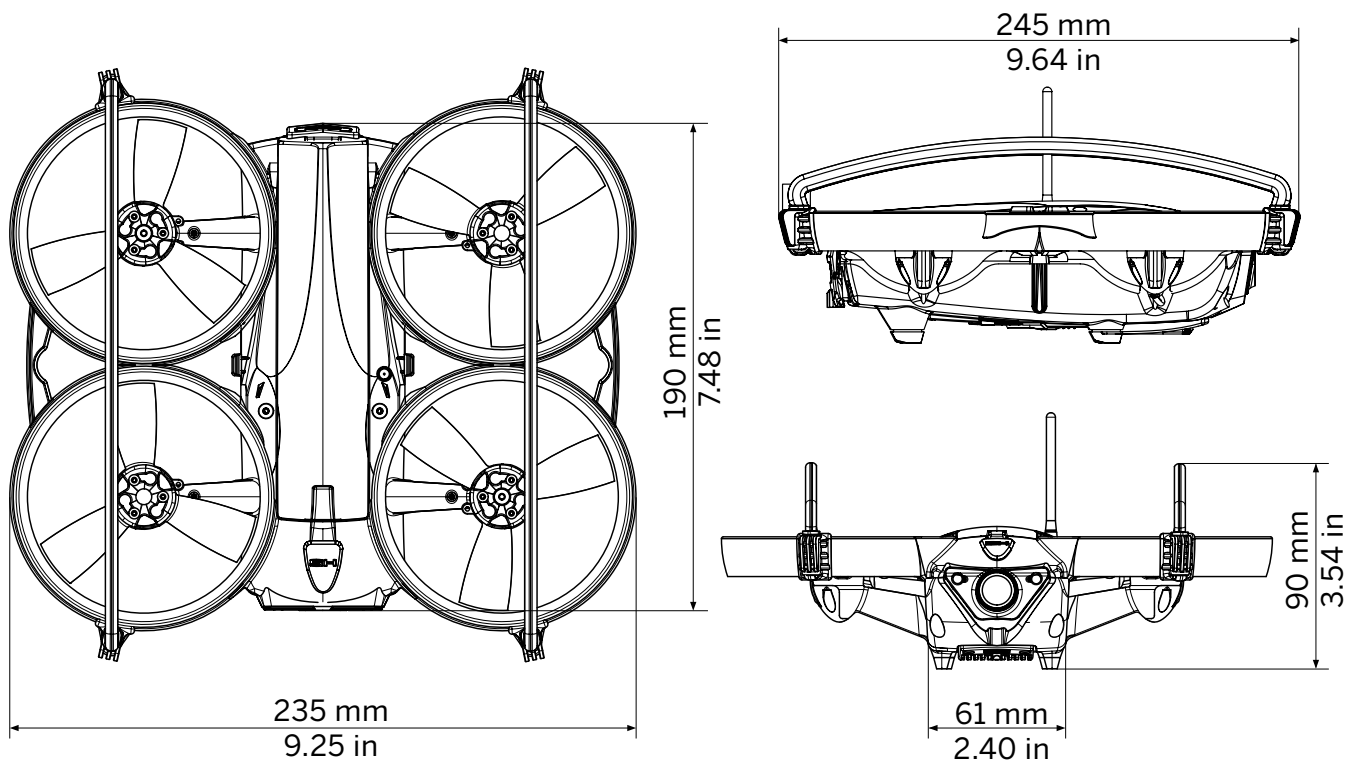
Dimmable and selectable IR LEDs on front and underside of sUGV provide excellent flight stability, video clarity and night-vision lighting

RESPONSIVE REAL-TIME CONTROL

Minimal lag and screen freeze ensures optimal performance in tactical operations



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SPECIFICATIONS

AVERAGE SPEED 10 m/s [20 kt]	AVERAGE RANGE Line-of-sight (LOS) 1 mi, Non-line-of-sight (NLOS) 164 yd [LOS 1.6 km, NLOS 150m]	FLIGHT ENDURANCE 15 min
STATIONARY OPERATION ENDURANCE 200 min	WEIGHT [WITHOUT BATTERY] 0.83 lb [380 g]	MAXIMUM PAYLOAD 0.33 lb [150 g]
OPERATING TEMPERATURE RANGE -4 to 122 degrees F [-20 to 50 degrees C]	POWER SOURCE LiPo3S 2400 mAh [replaceable in <15 seconds]	TRANSMISSION FREQUENCIES C&C: 868/915 MHz, A/V: 5.8 GHz
ENCRYPTION AES-256		

