



STINGRAY DRONE PERISCOPE – C5ISR UAS

Type: RAPID DEPLOYMENT MULTI-ROTOR ISR
Real Data, Real Time



Mission-Critical Information:	Provides essential data for informed decision-making.
Ultimate C4ISR sUAS:	Designed for high-endurance and long-range missions.
Extended Endurance:	Aero models offer extended operational durations for continuous and discreet data collection.
Secure Data Collection:	Ensures secure and reliable information gathering in challenging environments.
Benefits:	Persistent Vigilance: Capable of maintaining surveillance over long distances and in adverse conditions. Actionable Intelligence: Delivers real-time, mission-critical data for decisive operational decisions.

Technical Specification	
Model:	STINGRAY
Primary User:	C5ISR
Aircraft Type:	Quad Rotor VTOL
Dimensions:	63"Lx63 "Wx17"H
Maximum Takeoff Weight (MTOW):	21 lbs (9.52 KG)
Payload Capacity:	20 lbs (9.07 KG)
Payload Configuration:	Front mounted ISR payload
Power Source:	Lith. Ion
Flight Endurance:	25 minutes with 20 lbs/ 60 minutes with 5 lbs
Coms Link:	2xRF, GPS, LTE, SAT
Navigation:	ARK GPS(Multi-band GNSS receiver, L1/L2 bands, Multi-band RTK
Coms Range:	50 km (Ground to Air),200 KM (Air to Air)
Flight Modes:	Autonomous or Manual
Cruise Speed:	40 mph (17.88 m/s)
Max Altitude:	15000 ft (4570 m) ASL
Optimal Operating Altitude:	<1000 ft (305 m)
Environmental Rating:	IP67
Maximum Wind Speeds:	45 mph (39 kts)
Temperature Range:	F: -30°C- 120°/C: -34.44° - 48.88°