



SPECTRE DRONE PERISCOPE – LOITERING MUNITIONS

Type: FIXED WING VTOL. LONG-RANGE ISR
Advanced Tactical Attack Drone



Robust Build:	Designed to withstand harsh environments with IP67 rating.
Long-Range C5ISR Camera:	Ensures comprehensive situational awareness.
Remote Communication:	Seamless connectivity for operational flexibility.
Semi-Autonomous Flight:	Thrives in GPS-denied areas with precise navigation.
EO/IR Sensors:	Day and night mission capability for enhanced surveillance.
Versatile Payload:	Lifts integrated C5ISR, Laser Designation, and Comm Hub systems.
Laser-Guided Targeting:	Precision strikes with pinpoint accuracy.

Technical Specification	
Model:	SPECTRE (Loitering Munition)
Primary User:	Loitering Munition
Aircraft Type:	Fixed Wing Rsil Launched with a pusher motor
Dimensions:	Wingspan: 78.7"/ 39.3"L
Maximum Takeoff Weight (MTOW):	22 lbs (10 kg)
Payload Capacity:	5.5 lbs (2.5 kg) Warhead
Payload Configuration:	Forward facing cam, 3-axis gimbal, warhead
Power Source:	Lithium Ion
Flight Endurance:	1.5 h
Coms Link:	L-Band, SDR MIMO, AES256 Encryption /GDT compatible with Wander B
Navigation:	Multi Constellation GNSS Receiver, Anti-spoofing algorithm, Video Track Nav and Attack (No GPS needed)
Coms Range:	50 km (Ground to Air), 200 km (Air to Air)
Flight Modes:	Autonomous until Missinon Operator Takes over for attack
Cruise Speed:	56 mph (+0 km/h, 48.5 knots)/ Max Attack Speed in drive: 155 mph(250 km/h, 135 knots)
Max Altitude:	15000 ft (4572 m) ASL
Optimal Operating Altitude:	5000 ft (305m)
Environmental Rating:	IP67
Maximum Wind Speeds:	31 mph (27 kts)
Temperature Range:	F: -30°-120°/ C:-34.44° - 48.88°