



SIRIN DRONE PERISCOPE – DELIVERY UAS

Type: MEDIUM RANGE, HEAVY LIFT, DELIVERY VTOL
Heavy Payload Delivery in Rugged Environments



Rugged Durability for Mission Success:	Engineered to withstand harsh conditions, from extreme temperatures to rough landings, this UAV offers consistent performance in even the most demanding environments, enhancing mission success.
Payload Agnostic:	Universal payload rack and interchangeable nose panel for mounting sensors, cargo pods, etc.
Benefits:	Autonomous Flight and Precision Navigation: Equipped with advanced navigation and autonomous systems, this UAV can execute precise flight paths and waypoints, ensuring accurate and reliable delivery to designated drop zones, even in complex terrains. Efficient and Flexible Deployment: With vertical takeoff and landing (VTOL) capability and a modular design, this UAV can be deployed quickly from small bases or forward operating locations, supporting a wide range of mission requirements.

Technical Specification	
Model:	SIRIN
Primary User:	Delivery
Aircraft Type:	Quad Rotor VTOL
Dimensions:	Wingspan: 32"L x 38"W 16" H
Maximum Takeoff Weight (MTOW):	25 kg
Payload Capacity:	14.5 kg
Payload Configuration:	Multi Payload Configuration. Front mounted ISR & Centermount Payload Bay
Power Source:	Lithium Polymer
Flight Endurance:	36 minutes
Coms Link:	RF/GPS/LTE
Navigation:	ARK GPS (Multi-band GNSS receiver, L1/L2 bands, Multi-band RTK)
Coms Range:	25 km (Ground to Air)
Flight Modes:	Autonomous or Manual
Cruise Speed:	35mph (15 m/s)
Max Altitude:	1000 ft (305 m)
Optimal Operating Altitude:	<1000 ft (305 m)
Environmental Rating:	IP54
Maximum Wind Speeds:	35 mph
Temperature Range:	F: -10°C ± 40°C