

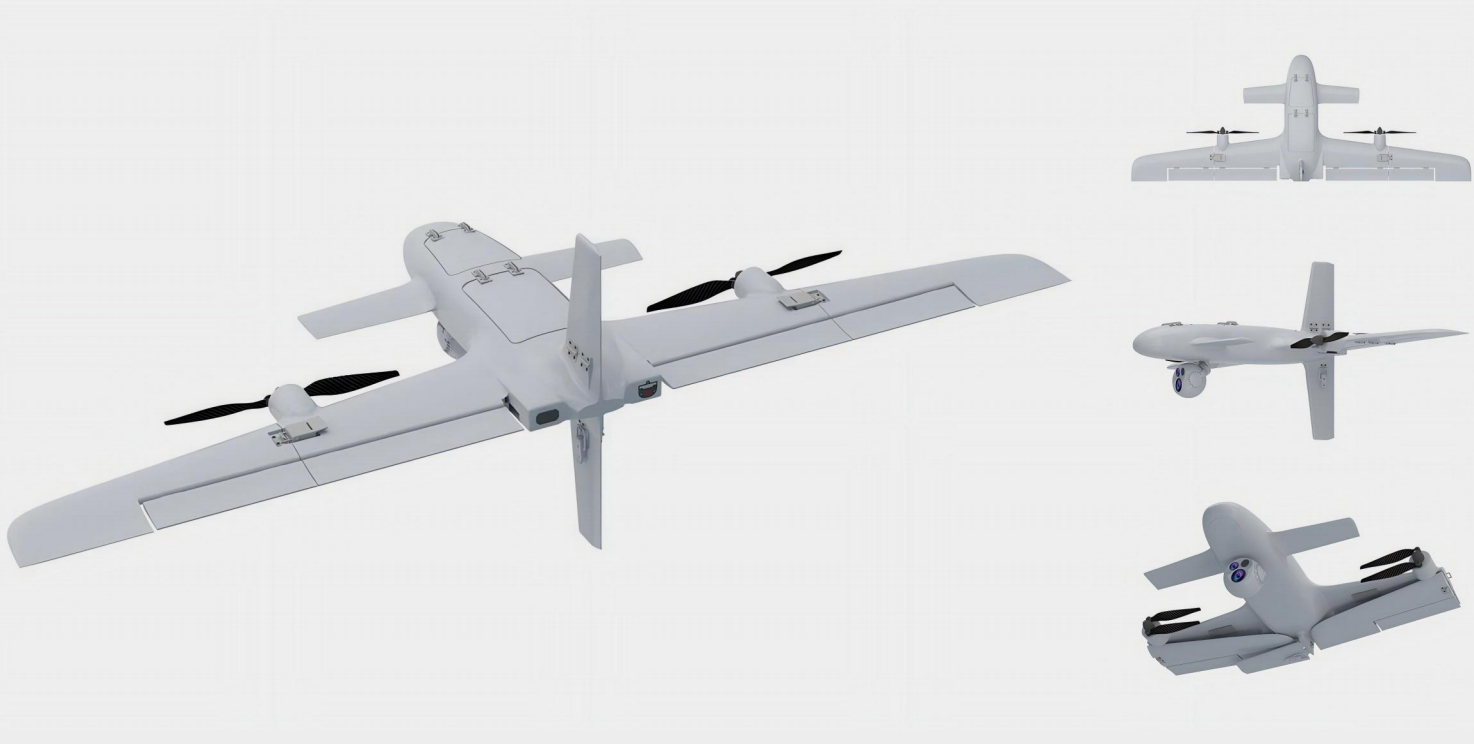
RECONNAISSANCE

5kg
Payload Capability

240 min / 160km
Endurance

4,000m
Takeoff Elevation

150km/h
Maximum Flight Speed



SHADOW STRIKER 2400

Wingspan/Fuselage Length: 2.40/0.80m	Folded Dimensions: 1.23 x 0.80 x 0.20m
Empty Weight: 5.8kg	Max Payload: 5kg
Endurance: 240min (EO/IR Gimbal)	Endurance Range: 160km
Loiter Speed: 80km/h	Top Speed: 150km/h
Takeoff Elevation: 4,000m	

VTOL Capability
Full autonomous operation

Long Flight Time
200 minutes

Man Portable
Folds into box for ease and portability

MULTI-PURPOSE TACTICAL UAV

The Sentinel VTOL UAV redefines mission capability by packing extreme endurance into a portable, combat-ready platform. Weighing just 5kg and folding for instant deployment by a single operator, it delivers a remarkable 3-hour flight time with 10 0km operational reach. Its terrain-agnostic vertical takeoff and fully autonomous systems ensure dominance in the most challenging environments—from dense urban landscapes to remote wilderness. The integrated military-spec triple-optical gimbal provides critical intelligence with HD identification at 9km, while its dual-role capability enables early fire detection through smoke recognition at 10km and heat-source pinpointing beyond 1km. Engineered for versatility, the Sentinel standsas the ultimate cross-service asset for defense, security, and emergency response operations.



Portability

Lightweight and portable: one operator can carry and launch the shadow striker with ease.

Drones folds and fits within compact case

One person can carry the drones easily

One person can carry/set up/launch/fly the drone

Advanced Camera

Take your military drone operations to the next level with our state-of-the-art camera accessory, engineered for superior long-range surveillance and tactical awareness.

Gain the advantage with exceptional detection capabilities—identify personnel up to 37.5 km, small vehicles at 115 km, and large vehicles at 245 km. For precise identification, count on recognition ranges of up to 9.3 km for personnel and over 60 km for larger targets. Featuring a 4.09-million-pixel sensor with powerful 30× optical and 4× digital zoom, this system delivers crystal-clear imagery even at extreme distances.

Built-in image stabilization with ±0.01° accuracy ensures unwavering visual clarity in dynamic flight environments. A highly accurate laser rangefinder (±0.3 m) extends your operational effectiveness with ranging from 5 to 2,000 meters. With 360° continuous rotation and a max rotation speed of 200°/s, this system responds instantly to shifting battlefield conditions—making it the ultimate tool for real-time intelligence, surveillance, and reconnaissance (ISR).