



Small Unmanned Aerial System (sUAS)

SKIRON-X

OPTIMIZED FOR SIMPLE AND EFFECTIVE ISR MISSIONS

The Skiron Expeditionary sUAS (SKIRON-X) is a Group 2 sUAS that combines the simple operation of an electric vertical take-off and landing (eVTOL) configuration with the longer range and endurance of a fixed-wing design. It executes missions at undetectable altitudes and its EO/IR camera provides excellent ground resolution for airborne intelligence, surveillance, and reconnaissance (ISR).

KEY FEATURES

Multi-copter flight

Lift rotors enable the convenience of vertical take-off and landing, while the fixed wing design allows for longer range and endurance.

Simplified operations

Quick to train with user-friendly mission planning software that makes it easy to implement mission changes, even during flight. Two-person crew capable and a 15-minute setup procedure.

Flexible ISR payload

Excellent ground resolution with ISR-focused EO/IR camera payload options. Modular nosecone design for quick payload swaps or custom payload integration.

Long-range comms

Military-grade radio enables long range and high bandwidth communications. Mesh network compatible.

Part 107 compliant

Flexibility to fly in more areas for operations and training. Includes anti-collision lights.

KEY SPECIFICATIONS

Length	2.2 m, 7 ft 2 in
Wingspan	5.0 m, 16 ft 6 in
System container	26 in x 24 in x 94 in, 79.4 kg / 175 lb
Takeoff weight <small>(with Trillium HD55 payload and battery)</small>	22.2 kg / 49 lb
Payload weight <small>(Trillium HD55)</small>	1.45 kg / 3.2 lb
Flight endurance (max)	180 minutes
Hover endurance (max)	25 minutes
Max horizontal speed	26 m/s / 50 knots
Cruise speed	19 m/s / 36 knots
Environmental	-5°C to +40°C light moisture conditions