

SKIRON-X



Small Unmanned Aerial System (sUAS)

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 has a range of up to 8 miles (12.9 km) and its EO/IR camera provides excellent ground resolution for airborne intelligence, surveillance, and reconnaissance (ISR).

KEY FEATURES

Hybrid VTOL Fixed-Wing

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 quick 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

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| 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 |
| 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) | 3.5 hours |
| Hover endurance (max) | 25 minutes |
| Max horizontal speed | 26 m/s / 50 knots |
| Cruise speed | 19 m/s / 36 knots |
| C2 Link Range | 12.9 km / 8 mi |