

AVAILABLE FOR U.S. BUYERS

Scout 137 Gen3

Tethered drone system for GPS-denied inspections

Continuous powered flight, 128-beam LiDAR, 4K optical zoom, location-tagged data, and optional spot-cleaning UTM for safer confined-space inspection workflows.



Designed & built in Norway | U.S. support through Aero Velocity

Unlimited

flight time with tethered power

128-beam

survey-grade Ouster OS0 3D LiDAR

4K / 3.5x

optical zoom camera with autofocus

197 ft

optional maximum tether length

Why inspection teams buy it

Remove people from hazardous entries

Capture visual, 3D, and optional UT data inside tanks, vessels, voids, ships, industrial structures, and other GPS-denied environments.

Work without battery pressure

A fully wired power and data tether keeps the system flying continuously, helping teams focus on coverage, safety, and data quality.

Turn inspection data into decisions

Scout Portal enables live streaming, secure data storage, interactive 3D review, flight path tracking, POI markers, and UT measurement review.

Add NDT value with optional UTM

The Gen3 UTM payload combines spot cleaning, couplant feed, magnetic probe contact, and ultrasonic thickness measurement in one operation.

Book a U.S. Pricing + Demo Call

Get the right configuration: Visual, UTM, pro-pack, portal subscription, operator training, spare parts, maintenance, and U.S. deployment support.

Scan / click
AeroVelocity.com



U.S. regulatory note

The ScoutDI Scout 137 UAS was included in the FCC announcement of first conditional approvals / covered-list exemptions following Department of War determination. Confirm final compliance, availability, and configuration during the sales call.

Scout 137 Gen3 U.S. Specifications

All dimensions, weights, distances, and operating temperatures below are shown in U.S. units. Final order configuration may vary by payload, portal package, training, maintenance, and availability.

Drone + Physical

Specification	U.S. spec
Drone size	17.6 x 18.9 x 10.3 in (L x W x H)
Drone weight	6.6 lb
Transport case size	24.9 x 23.7 x 13.1 in
Transport case weight	35.3 lb including contents
Max lifting distance w/UTM payload	115 ft
Operating temperature	-4°F to 122°F
Ingress protection	Designed to meet IP54

Camera + Lighting

Specification	U.S. spec
Recorded video	3840 x 2160 4K
Live stream	1280 x 720 HD
Zoom + focus	3.5x optical zoom with autofocus
Frame rate	30 fps
Camera FOV	82° to 25° depending on zoom
Gimbal	2-axis stabilization; ±90° pitch
Lighting	Up to 12,000 lumens with preset or individual control
Recorded data rate	Approx. 25 GB per hour
MicroSD storage	Up to 1 TB

Navigation + LiDAR

Specification	U.S. spec
Navigation sensor	128-beam survey-grade Ouster OS0 3D LiDAR
LiDAR sensing range	1.6 ft to 328 ft
Field of view	360°
Navigation method	Real-time LiDAR / SLAM-based navigation
BVLOS support	Zoom camera, 3D review, flight path tracking, obstacle minimap
Anti-collision	Normal / Close / Off modes
Location-tagged data	Yes - flight paths, POIs, and UTM markers

Ground Station + Power

Specification	U.S. spec
Ground station size	15.2 x 17.3 x 9.6 in
Ground station weight	19.3 lb
Transport case size	26.6 x 20.7 x 14.9 in
Transport case weight	47.0 lb including contents
Input power	200-240 V AC, 50/60 Hz, min. 13 A
System input rating	3,000 VA / 2,700 W
Typical operating power	1,000-1,500 W
Max power cable length	164 ft using approx. 15 AWG equivalent cable and 16 A circuit
Pilot to ground station	Up to 328 ft using CAT 5e or CAT 6

Tether + Data Link

Standard length: 131 ft tether, approx. 1.13 lb total. **Optional length:** 197 ft tether, approx. 2.45 lb total. **Voltage:** 400 V DC. **Data link:** 80 Mbit/s. **Breaking strength:** approx. 176 lb. Composition includes Kevlar, PVC, FRPP, and copper.

Scout Portal

Browser-based inspection data workspace for live streaming, secure cloud storage, backup, sharing, interactive 3D replay, flight path tracking, POI/UTM review, comments, measurements, and reporting workflows.

Optional Next-Gen UTM Payload

Purpose: drone-based ultrasonic thickness measurement in confined spaces. **Workflow:** integrated spot cleaning, couplant feed, magnetic probe contact, Class 2 laser-assisted placement, and one-click smart release. **Probes:** interchangeable 2.25 MHz, 5 MHz, and 7.5 MHz dual-crystal probes included. **Control:** live A-scan, gates, and gain adjustments from the field tablet. **Calibration:** factory tested and calibrated to ISO16831 / EN15317 standards.

Configuration-based U.S. pricing

Book a call to confirm visual vs. UTM configuration, portal subscription, training, maintenance plan, spare kits, lead time, and deployment support. Standard Gen3 system and UTM payload lead time is typically 3-4 weeks, subject to final order confirmation.

[BOOK DEMO CALL](#)