



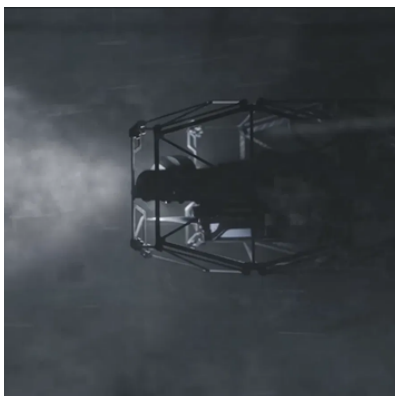
Nolvis X1

Inspect where people can't go

Confined space inspection. No entry required

Access & Stability

Reaches spaces others cannot; fitting through 16-18 inch openings. Deploys in minutes for faster inspections and reduced downtime. Advanced LiDAR system and visual odometry sensor maintain super-stable flight in cramped; dark; or dusty environments.

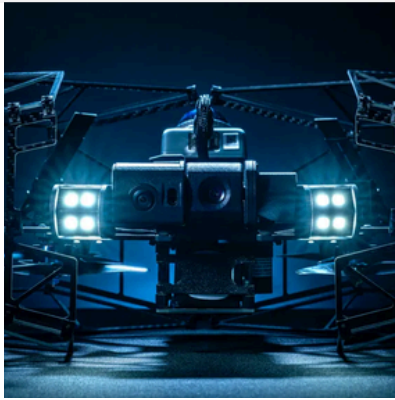
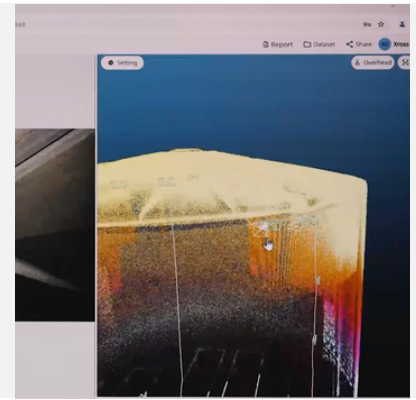


Safety & Efficiency

Reduce or eliminate scaffolding and rope access; with no confined space entry required. Tethering to the power pack provides continuous power for longer flight durations; preventing battery depletion mid-inspection.

Asset Inspection & Data

Inspects ballast tanks; cargo tanks; storage tanks; pressure vessels; columns; and boilers. All imagery and video is linked to 3D spatial data via cloud-based management; facilitating easy review; reporting; and data sharing.



High Efficiency

Performs internal inspections through standard manways during shutdowns; turnarounds; or drydock. Real-time 3D data-enabled BVLOS flight monitors surrounding obstacles; enabling safe flight even beyond visual line of sight.

Specifications

Aircraft

Dimensions	14.2 x 12.2 x 8.3 in
Weight	1.8 kg (including battery)
Max Hovering Time	10 min
Max Flight Speed	2.5 m/s
Max Wind Resistance	3 m/s
Operating Temperature	0°C to 45°C
Operating Frequency	2.4 GHz ISM

Camera & Lighting

Camera Sensor	1/1.7 -inch, 8 MP
Video Resolution	4K (3840 x 2160)
Lighting Output	10,480 lumens (max)

LiDAR

Laser Safety	Class 1
Range	40m @ 10% reflectivity/ 70m @ 80% reflectivity
Range Accuracy	2cm @ 10m
Point Rate	200,000 points/s
Frame Rate	10Hz