

SWiFt
radioplanes



Lynx M: 3 Hour Mapping Endurance

Lynx M is an extremely durable, long-endurance small UAS designed for professional photomapping and research. Lynx's unique design make takeoff and landing possible from unimproved and difficult terrain. Once airborne, the aircraft autonomously flies its planned mission while capturing high resolution images.

Specifications

Takeoff:	Hand launch
Landing:	Belly land or vertical deep-stall
Flight Time:	3 hours with camera
Cruise Speed:	16 m/s
Ground Coverage:	8 sq km (1,977 acres) @ 122 m (400 ft)
Resolution:	2.3 cm/pix
Camera:	Sony 24 MP a5100 APS-C
Wingspan:	2.3 m (7.5 ft)
Weight:	3.6 kg (8.0 lbs)
Construction:	Kevlar, carbon fiber & foam
Autopilot:	Pixhawk
Range:	1.5 km (~1 mile)

Features

- +Tool-less assembly
- +Swappable cameras
- +Autonomous navigation & mapping
- +Return home failsafe
- +Live telemetry
- +Throttle safety key
- +Manual control override
- +Electric propulsion
- +Composite construction

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