



Flaperon MX4s

Automating on-site operations with cost efficient drones

Professional LiDAR Drone Solution

Lightweight, affordable, real-time data visualization

Why Flaperon?

- 3x cheaper & 2x lighter than closest competitor
- Real-time LiDAR FPV visualization
- Night operations capable
- Usable data right after flight



Key Features

LiDAR/IR/RGB Sensors

Calibrated multi-sensor system

Real-Time Onboard AI

Instant data processing

5G + Direct Datalink

Live streaming & remote ops

EASA BVLOS Compliance

SORA document templates

Use Cases

- **Precision Forestry:** High-quality forest data in one afternoon instead of multi-day crew.
- **Construction & Earthworks:** Fast, accurate terrain models - survey costs down 50%.
- **Utility Substations:** Fly above live substations - no outages (€20-40k savings).
- **Power Line Corridors:** Capture RGB photos and LiDAR data in a single flight
- **Mining & Stockpiles:** Trim inventory error to <3% with 10-min scan.

Technical Specs

Weight: <4 kg

Sensors: **LiDAR + RGB + IR**

Flight Time: **24 min**

Communication: **5G + Direct Link**

Competitive Advantages

- ✓ Low total cost ✓ Turnkey solution ✓ Immediate usable results ✓ Made in EU ✓ Large scale scans ✓ Easy workflow ✓ Fly 24/7

Ready to automate your operations?

Contact: info@flaperon.com | +372 5196 9947 | flaperon.com

