



Advanced UAV solution for:

- ILS maintenance
- Surveillance
- Photogrammetry
- EO/IR Inspections
- LiDAR Survey



ReFly 4

The ReFly 4 is a quadcopter for industrial applications.
Designed to be used in harsh environment.

UAV Technical Specs:

MTOW	21,5 kg
Payload max weight	7,00 kg
Datalink range	Up to 15 km
Flight speed max	15 m/s
Wind resistance	Up to 12 m/s
Endurance	Up to 44 min
Endurance with 7 kg	25 min
Temp. range	-10/+40 °C
IP rating	45

Remarkable features:

- Dual telemetry system (5.8 GHz & 5G connectivity)
- Foldable arms for easy transportation
- Foldable 26-inch carbon fiber props
- Compatible with wooden props
- Premium quality motors
- Obstacle avoidance system



Safety Features

- FTS compliant with MOC Light-UAS.2511-01
- Parachute compliant with MOC Light-UAS.2512
- ADS-B for air traffic tracking
- Navigation camera

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Italy



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Double Screen Ground Control Station

- Two high visibility displays
- High quality control sticks and switches
- Dual battery with hot swap
- USB port
- Redundant telemetry via dual radio link



Flight Control GUI

- Pre-Flight checks
- Pilot login
- 3D mission planning

Multiple Payloads Available

- Unique quick release mounting for all payload
- Universal power and signal connector



Dual sensor EO/IR for thermal analysis and AI tracking



Electro Optical camera with AI tracking system



EVSD1000 for ILS inspection



LiDAR for 3D scan

