



ALTRAX

An off-road UGV for surveillance,
inspection, and logistics operations
across military and industrial
environments

Business partner:



PARAMETERS



WEIGHT
240 kg



PAYLOAD
200 kg



DIMENSIONS
1.6 m x 1.1 m x 0.6 m



MAXIMUM VELOCITY
40 km/h



BATTERY RANGE
up to 70 km



WHEEL DRIVE
4-Motor IWD



RADIO RANGE
up to 14 km



GROUND CLEARANCE
290 mm

USAGE EXAMPLE

- Logistics operations in industry and battlefield
- Surveillance and inspection of critical infrastructure
- Precision agriculture operations
- CASEVAC operations in battlefield environments



pimot.lukasiewicz.gov.pl/en/

Critical infrastructure monitoring module

AUTONOMOUS UGV

Modular Unmanned Ground Vehicle for autonomous and teleoperated missions



Swappable batteries



User area ready for custom modules



Spool with fibreoptic cable for teleoperation



4-Wheel Drive & Steering for all-terrain mobility

