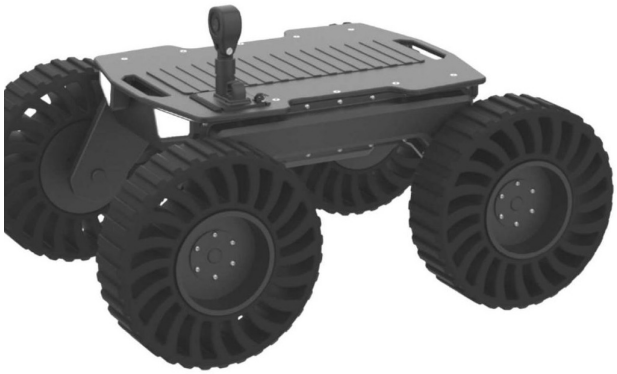
Multifunctional UGV for Monitoring and Logistics

monitoring, logistics and evacuation platform



MS-MML is a wheeled multifunctional unmanned ground vehicle for monitoring, logistics and evacuation: 24/7 observation with video and thermal cameras and various payloads, delivery of goods and ammunition, and evacuation and transportation of people.

The all-electric 4×4 platform carries up to 150 kg at up to 45 km/h. Interchangeable payload modules include a combined video and thermal camera with ×30 zoom, a rotating 1920×1080 camera, variable-height and 360° view cameras, a manipulator for picking up and dropping cargo, a hydrodynamic destroyer, and radiological and chemical detectors.

MONITORING
24/7, video and thermal cameras, various payloads

LOGISTIC
Delivery of goods and ammunition

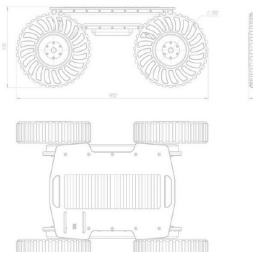
EVACUATION
Evacuation and transportation of people

Specifications

Platform	
Dimensions	900 × 645 × 380 mm
Weight	35 kg
Load capacity	150 kg
Maximum speed	45 km/h
Drive	all-electric, 4×4
Power	4 kW

Operation	
Operating time — mixed control cycle	4 h
Operating time — monitoring mode	22 h
Radio channel range	2000 m in line of sight
Temperature range	−35 to +60 °C
Ingress protection	IP68
MTBF	5000 h

Payloads (external, mounted)
360° view camera; combined thermal and video camera with ×30 zoom; rotating camera 1920×1080; variable-height video camera; manipulator; hydrodynamic destroyer; radiological and chemical detector



MS-MML dimensions and interchangeable payload modules

Specifications are subject to change without notice.

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