



Outdoor robots

Three rover robots designed and equipped for outdoor navigation–
Two robots RMP 400 and 440– One reobot Sterela

Key Features

- Wireless airport Wi-Fi
- Several sensors for multisensory perception :
lidar, color cameras, stereo-benches, IMU
- Centimetric GPS localization system
- Home-grown on-board modular software
architecture

Possible Applications

- Environment exploration, Intervention,
research & rescue
 - Site surveillance and monitoring
 - Field Robotics & Agriculture
 - Multi-Robot Collaboration
 - Transportation & Logistics
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Access information

Corresponding infrastructure	Centre national de la recherche scientifique The Department of Robotics of LAAS
Location	7 Avenue du Colonel Roche, 31400 Toulouse, France
Unit of access	Working day

Technical specifications

Dimension	Length 100cm, Width 70cm, height 130cm
Weight	100-130kg depending on models
Max speed	30km/h
Power	LiPo batteries, about 1h autonomy

Additional information

<https://www.laas.fr/public/en/robots-platform>