

Team Information

Picture of vehicle:



A-Bot Light



A-Bot Standard

Name of vehicle:

RI A-Bot Light & RI A-Bot Standard



Picture of team leader:

Name of team leader:

Marek Sadowski

Team Information

Team Name: RI Spirit
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Team Description: Robotics Inventions company's mission is to design and manufacture semi- and fully-autonomous robots and its parts to allow human telepresence in harsh and extraterrestrial environments as well as to undertake dangerous and/or repetitive tasks on human behalf. Robotics Inventions is a Research & Development company specializing in autonomous robotics and vision and sensor systems, offering consulting and subcontracting of the design and development phases of the projects; developing prototypes; creating short product series; full product design and offering products as OEMs

Robotics Inventions is going to present its corner-stone terrestrial products for Industrial, Prevention and Public sectors: A-BOT robot light and standard configurations. The A-BOT robot is designed to be a powerful semiautonomous mobile vehicle suitable for urban and off-road applications, generally divided into the following types of scenarios:

- scouting scenario (standard, light)
- patrol scenario (standard, light)
- field support scenario (standard)
- intervention scenario (standard, light)
- mixed scenario (standard, light)

The Robotics Inventions A-BOT robot allows for flexible configuration of modules enabling perfect matching with requirements. The A-BOT robot platform can be configured from the following typical components:

- ultrasonic sensors
- infrared sensors
- vision autonomous sensors
- GPS sensor
- vision cameras
- extension port

Team Information

- silent power source
- extended power source
- autonomous module
- teleoperation module
- mobile teleoperator suite
- teleoperator station
- cargo bay

Sponsors:

None

Selection of scenario:

1. ISR_____
2. Mule_____
3. Move_____
4. _____

Proof of citizenship:

