

Eurathlon 2013

23-27. September 2013,
Berchtesgaden, Germany

Team Information

Picture of vehicle:



Name of vehicle:

A-Bot Light



Picture of team leader:

Name of team leader:

Marek Sadowski

Team Name:

RI Spirit

Team E-mail:

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Website:

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Location:

Poland

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Team Information

Team Description: Robotics Inventions is a New Product Development company delivering in 6 months preproduction prototypes (including Bill of Material), excelling in fully- and semi-autonomous robots, vision systems, the autonomy module RI SPIRIT, the robot swarm management system RI FLEET, innovative user interfaces and various components, having a dedicated production facility, as well as the robotics professional services. Our mission is to design and manufacture semi- and fully-autonomous robots and its parts to allow human tele-presence in harsh and extraterrestrial environments as well as to undertake dangerous & repetitive tasks on human behalf. Moreover we offer RI Professional Services to companies and organizations seeking support in designing and implementing solutions that require dedicated electronics, mechanical constructions, automatics, robotics, autonomous software and artificial intelligence. In addition Robotics Inventions aspire to deliver a flexible autonomous component to animate any hardware.

Robotics Inventions is going to present its cornerstone 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 offroad applications. Robotics Inventions' robots are suitable for autonomous patrol, reconnaissance and mule missions.

Selection of scenario:

- Reconnaissance and surveillance in urban structures (USAR)
- Mobile manipulation for handling hazardous material
- Search and rescue in a smoke filled underground structure
- Autonomous navigation using GPS, GLONASS and GALILEO
- EOR/EOD/IEDD/CIED (for professionals only!)

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