

Team Information

Heidelberg University of Applied Sciences

Picture of vehicle:



Name of vehicle:

HeidelCar



Picture of team leader:

Name of team leader:

Prof. Dr. Achim Gottscheber

Team Name:

HeidelCar

Team E-mail:

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Website:

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Location:

Heidelberg, Germany

Institution/Company:

Heidelberg University of Applied Sciences

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Team Description:

The HeidelCar Team is taking part in the Event ELROB. The team is composed of members of the SRH Hochschule Heidelberg, especially of the following departments:
- Electrical Engineering,

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- Mechanical Engineering,
- Computer Sciences and
- Industrial Engineering,.

Our vehicle is called **HeidelCar** and is a commercial car that was modified primarily with existing commercial technology for navigation and operation. All processing takes place in modules of industrial embedded computers. The vehicle incorporates measurements units such as GPS, ultrasonic sensors, acceleration sensors, laser sensors, and cameras for navigation. All sensors acquire environment data at rates between 10 Hz and 1 MHz.

The development of our **HeidelCar** started in October 2005.

Sponsors:

DaimlerChrysler AG, Kontron, JohnDeere, Pepperl&Fuchs GmbH, SSB-Electronic GmbH, Procom, Glob Sat, DigitalData, SFC Smart Fuel Cell AG, Allnet, PEAK-System Technik GmbH, IXXAT Automation GmbH, MiniTec Maschinenbau GmbH & Co KG

Selection of scenario:

1. Reconnaissance and surveillance X ?
3. Transport ?

Proof of citizenship:

Already submitted.