

Number plate recognition

Problem Statement

Current iOS-devices have got at least one camera. The question is in which quality number plates can be automatically recognized.

Scope

German number plates shall be recognised by an iPad. Two fields of usage are to be considered:

- The user is on foot and wants to find the according county name for a license plate.
- The user is traveling by car. The device is mounted in the car so that the road in front of the car will be filmed. The unit will display a list of all number plats matching a certain pattern (e. g. all Munich plats).

Requirements

- Using the camera the iPad should read and recognize the registration number of German number plates.
- This registration number should automatically shown on the display and stored.
- The registration numbers should only be saved if they apply to a given pattern.
- The code should be easily transferable to other applications.

Deliverables

- Blue print und documentation
- A compiled library with all necessary h-Files.
- A sample application using the library.