

SWARCO

SIGNELPARK® RB&RSZFR

License plate recognition system



SignelPark® RB&RSZFR is a computer-implemented automatic number plate recognition system based on Windows 10 operating system. The most essential element is the SignelSense® software and the IP cameras. The number plate recognition PC is not the same as the entry control and parking control computer, but an independent unit.

The software basically performs two main tasks, the license plate recognition module determines the location of the license plate in the image, and then determines the license plate by identifying the characters, which place in a data file. The data file contains the identifiers of the event (e.g. which with a camera - on which lane, when the identification took place).

It transmits the recognized number plate to the parking control computer via a serial data transfer port (or ETHERNET network).

The software can be run under the WINDOWS 10 operating system. The position and placement of the camera is a task of great importance, which is helped by the possibility that the lens used can be used within wide optical limits. High-sensitivity cameras and the right equipment usually make the use of additional lighting unnecessary. In the case of clean, undamaged license plates (under average lighting), the recognition rate is close to 100%.

