RACS 5

Access Control and Building Automation System

Car Park Access Control

Car Park Access Control	Vehicle Registration Plate Identification	Mobile Identification	Long Range Identification	Free Parking Space Display

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Intelligence for Building

Car Park Access Control

Among the many functions related to access control and building automation, the RACS 5 system also offers car park access control. In the simplest variant, the parking service can be implemented as a simple control of the gate, where access on entry and exit is based on proximity card used at reader located within the driver's reach.

Instead of standard proximity reader a long-range reader (UHF) with Wiegand interface, remote control and radio receiver with Wiegand interface or Bluetooth terminal (e.g. MCT80M-BLE or MCT88M-IO) can be applied. In the latter case, the user's identification takes place from the level of the mobile device (smartphone) with the Roger Mobile Key application (Android and iOS versions) in a distance up to 10 m.

Vehicle identification can also be done by reading vehicle registration numbers. This variant requires the use of the Hikvision DS-2CD4A26FWD-IZSWG/P camera, which is directly connected to the access controller and operates without any additional server. The standard MC16-PAC series access controllers enable to control the number of cars in the car park and display the number of unoccupied places as well as signal the lack of unoccupied places when the number of cars reaches the upper limit.

More advanced car park functionalities are available in case of MC16-AZC series controllers, which offer among others , the possibility to define the number of entries for individual users and for groups of users i.e. building tenants sharing the same car park.

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