DESIGNA

Designa ELEMENTS SOFTWARE - ADD-ON

LPR

SOFTWARE-ADD-ON for the licence plate recognition system

The ELEMENTS SOFTWARE ADD-ON LPR expands your system by a fully integrated, automatic licence plate recognition.
The LPR system automatically reads the licence plate at the entrance and alphanumerically converts it via an image processing technology. The created image, the read licence plate and the ticket data are saved in the system.
At the exit, the licence plate can optionally be compared with the licence plate recognised at the entrance.

FEATURES

- Clear display of the cars entering and leaving in real time (image and video)
- Intuitive software
- Full integration into the DESIGNA parking management system
- Assignment of licence plates to different lists with defined authorisations
- Safety mode with LPR conflict management tools to increase operational accuracy
- Anti-Circulation technology to prevent systematic misuse of the free passage times based on the licence plate recognition
- Possibility of fully automated entry and exit processing when pre-booking is used
- Solution for the anonymisation and deletion of licence plate data in compliance with data protection

FUNCTIONS

VIP-Mode

- The customer's card is assigned to his vehicle. When the licence plate is recognised, the validity information the card is determined and checked. After successful verification, the barrier opens automatically.
- Season parkers can always enter and exit the car park using their licence plate. The customer only has to use the season parker card if his licence plate cannot be recognized, e.g. due to soiling.
- If an online pre-booking system (e.g. DESIGNA HOSTED SERVICE PREBOOKING) is connected to the parking system, customers with an online parking reservation can also enter and exit the car park by using the licence plate.

Fast Exit Function

- Short term parkers can leave the parking area after paying properly at the pay station without showing a ticket.

Security Mode

- Two-factor authentication is always required for exit.
- Season parkers need their licence plate and another physical identification medium, e.g. RFID card or QR code, for identification.
- Short term parkers identify via licence plate plus ticket.
- Two-factor authentication ensures that a season parker card or a short term parker ticket is not used with a vehicle other than the one intended for it.
- Should a customer attempt to enter or exit the car park with a vehicle that is not registered for his contract, the conflict management tool pops up automatically and in real time for the operator. This allows the situation to be resolved quickly and system-supported together with the customer.

ADDITIONAL FUNCTIONS

Status information

The current status of all the vehicles in the car park can be determined at any time.

Creating replacement tickets

If a customer loses a short term parker ticket, the exact entrance time or the last payment can be determined via the licence plate and a corresponding replacement ticket can be issued

Blacklist

A vehicle whose licence plate is registered on a blacklist can be refused entrance and exit.

Licence plate printed on the short term parker ticket and the receipt

The recognised licence plate is printed on the short term parker ticket. The licence plate can also be printed on a receipt issued at an automatic pay station.

Anti-Circulation Technology

The DESIGNA LPR system recognises by their licence plate of vehicles whether they repeatedly enter and exit a parking area. The number of permitted entries can be limited in an individual configuration mask. This prevents systematic misuse of the free passage time.

Greylist

After recognition of a licence plate in the greylist, the operator is notified via a silent alarm and, if necessary, can take further steps.

FURTHER ELEMENTS SOFTWARE ADD-ONS

The software ADD-ON LPR is not sufficient for you? Then expand your LPR functionality with the ELEMENTS ADD-ON Ticketless.

SYSTEM REQUIREMENTS

Software
- ELEMENTS SOFTWARE START

Hardware
- DESIGNA LPR cameras[1] with a high recognition rate at the entrances and exits. The recognition rate can be further increased by using a combination of front and rear cameras.

DATA PROTECTION

The software ADD-ON LPR offers a GDPR-compliant configuration mask for the anonymisation and deletion of licence plate data. The software can be set according to the privacy policy of your company and anonymises and deletes the licence plate data according to the specified guidelines.

[1] Devices of the DESIGNA CONNECT series are required to get access to all described functions.

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