



Designa TICKETLESS SOLUTION

Convenient.Fast.Ticketless

Fast entrance and exit without a ticket

- thanks to the efficient DESIGNA Ticketless solution.

The licence plate serves as an identification and access medium at the entrance and exit, as well as for payment. Through the combined use of both front and optional rear cameras, licence plates are reliably read, thus guaranteeing a high recognition rate.

The use of Ticketless reduces the number of hardware components used in the car park and the associated operating costs.

In addition, both operators and car park customers benefit from faster and smoother parking processes, as congestion is reduced and throughput increased. The environmental requirement is also fulfilled, as ticket printing at the entry is no longer necessary and paper is saved.

Car park customers can pay either at DESIGNA automatic pay stations by entering the licence plate or digitally via smartphone.

Additional external displays can be used for communication with the car park customer. The displays can, for example, also show welcome messages, the recognised licence plate or spaces available.

HOW IT WORKS...

- At the entrance, the integrated licence plate recognition system (LPR) registers the licence plate together with the entrance data. Entrance is contactless - with or without a barrier.
- There is no need to open the window and pull a ticket.
- The licence plate then serves as an identification medium for payment at the automatic pay station or at the exit. Optionally, customers can pay digitally via smartphone.
- At the exit, the camera recognises the licence plate. The parking system detects the event and opens the barrier after verification.

ADVANTAGES FOR CAR PARK OPERATORS

- Elimination of paper tickets: tickets no longer need to be purchased, refilled and disposed of
- Cost reduction through less hardware and low-wear components and correspondingly less consumables
- Minimisation of maintenance and repair costs
- Less service costs (no lost tickets, no congestion at the exit and no intercom calls)
- Greater customer satisfaction thanks to simplified parking processes
- Higher throughput due to faster processes
- Data protection-compliant implementation of a ticketless solution
- Can be ideally combined with the Designa CONNECT PAY 500 CASHLESS automatic pay station for cashless card payments, as time-consuming cash depositing is no longer necessary

ADVANTAGES FOR CAR PARK CUSTOMERS

- Simplified, accelerated parking process due to faster entrance and exit: less waiting time, no congestion, no need to open a window to take a ticket
- No searching or loss of the parking ticket
- Easy payment process based on the licence plate; licence plate entry via a touch display
- Optional payment via Mobile Ticket Payment

PAYMENT OPTIONS

- Pay-by-Plate: the parking duration is calculated based on entry of the licence plate at the touch display. Payment takes place afterwards.
- Mobile Ticket Payment: completely electronic payment via smartphone

SOFTWARE FEATURES

- Comprehensive LPR conflict management such as:
 - Selection of various LPR events in case of insufficient licence plate recognition. The function is optionally available when paying at the pay station or exit
 - "Honesty function": in case the licence plate is not recognised the car park customers enter their parking data manually (optional)
- Web-based ticketless reporting: evaluation of the key figures, e.g. on LPR events, average recognition rate, number of conflict resolutions
- Direction recognition of a vehicle to prevent fraud
- Web Validation Manager: web application for allocating discounts (optional)
- Couponoo: Web application for the creation of QR coupons for discounts (optional)

VARIANTS

The ticketless solution offers different levels:

Barrier at the entry

In addition to licence plate recognition, a barrier can be used at the entry to protect against misuse, e.g. to prevent vehicles from exiting at the entry

Designa CONNECT LANE 600 LIGHT

Integration of a control device with intercom for customer interaction and for different access authorisations (licence plate, RFID card, QR/barcode)

Hybrid mode

Combination of ticketless and ticket-based system as a safety feature: the system switches to hybrid mode if the recognition rate is poor (e.g. due to a dirty licence plate). A barcode ticket is then printed at the entrance control terminal which can be used for entrance, payment and exit¹.

¹ Requires lane device with Multicon

OPTIONALLY EXPANDABLE

Dual-camera mode

Use of two cameras per lane (front and optional rear camera) to optimise the recognition rate; optional display of the licence plate or the entire vehicle

Monitoring cameras

Additional use of LPR cameras that can be assigned to an external display to communicate relevant information to the customer. When the licence plate is recognised on the way to the exit, a message can be shown on the display as to whether the customer is authorised to exit or still has to pay.

Car park in car park (PiP)

A "car park in car park"-system with different tariff treatment in the individual parking areas is also possible with the ticketless solution

DIGITAL INFORMATION BOARDS

Integration of additional displays in the device or externally in the lane, e.g. for displaying advertisements, for greeting customers or displaying the recognised licence plate

PreBooking

Connection to web applications for online reservations based on the licence plate for advance booking of parking spaces

SYSTEM REQUIREMENTS

Local DBS or CLOUD

Device series .connect

Software system version X21.3 and higher

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