# "Find Your Car" and "Tiered Parking" Functionality

## At a glance

**Camera-based single space detection systems open up future-oriented opportunities as their smart-sensors go far beyond the usual occupation tracking.**

**The native license plate recognition features of the integrated ParkAssist® Solution, in combination with the License Plate Recognition System LPR, form the basis for perfect customer convenience and flexible parking space-related tariff determination.**



## Details

### Highlights

The following functions are enabled through the seamless integration of the ParkAssist® solution:

– Indication of the parking space on a site map which is displayed at the automatic pay station

– Printing of parking space information on the parking ticket

– Different tariffs depending on the location of the parking space

– Free/occupied signalling

### Camera-based Single Space Detection

The smart-sensors with dual cameras are mounted in the middle of the driving lane to monitor a pair of parking spaces on each side.

### Free/occupied signalling

The smart-sensor switches from red to green as soon as one of the four parking spaces is free providing the drivers with clear sight lines for easy guidance and navigation.

### License plate recognition

The smart-sensors feature dual-cameras and the ability to recognise the license plates of vehicles on the surrounding four parking spaces. A clear relationship between parking space and license plate number can thus be established and is provided via an interface.

### Combination with the entervo LPR

Already at the entry, the entervo LPR system provides a link between ticket data and license plate number. The unique key "license plate number" allows the linking of ticket data and the exact parking space made available by the smart-sensors.

### Find Your Car function at the Automatic Pay Station

After inserting the parking ticket and pressing a button, a graphic site map is presented to the customer. The position of the car is clearly indicated. In addition, the licence plate number and parking space information is displayed and the parking space information is printed on the parking ticket.

### Parking space-related tariff determination (short-term parkers only)

The ParkAssist® system provides not only the license plate number but also a tariff identifier (card class). Tariff calculation takes place according to this card class. If, however, the vehicle changes its location between time of entry and time of exit, tariff calculation for the complete parking time takes place based on the highest card class number (= most expensive tariff.)

### Benefits

- Reducing the number of cars looking for parking spaces
- Clearly recognizable free/occupied signalling (green/red)
- Visualisation of the parking space at the automatic pay station
- Imprint of parking space information on the parking ticket
- Tiered parking: Parking space-related tariff determination (more attractive parking space = higher price)
- One smart-sensor monitors four parking spaces
- Simple assembly and seamless integration

### Minimum Requirements

- entervo V2R4M13
- License plate recognition system LPR
- For Tiered Parking Function: Rebate / Ticket Validation UI
- Automatic pay station with ticket printing capability (PC30, TPU or MKV with printer)

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