

Comfort Parking

Managing your carpark with a ticketing system

Comfort Parking is an extremely flexible and budget-friendly parking system with barcode-tickets or season-tickets to control your carpark.

No data cables

In the Alphasatronics Comfort Parking system, the entry station, the ticket unit and the exit station do not communicate with a central controller.

- Easy installation

User-friendly

- No complex software
- Automatic adjustment of the winter/summer time

Unlimited expansion capabilities

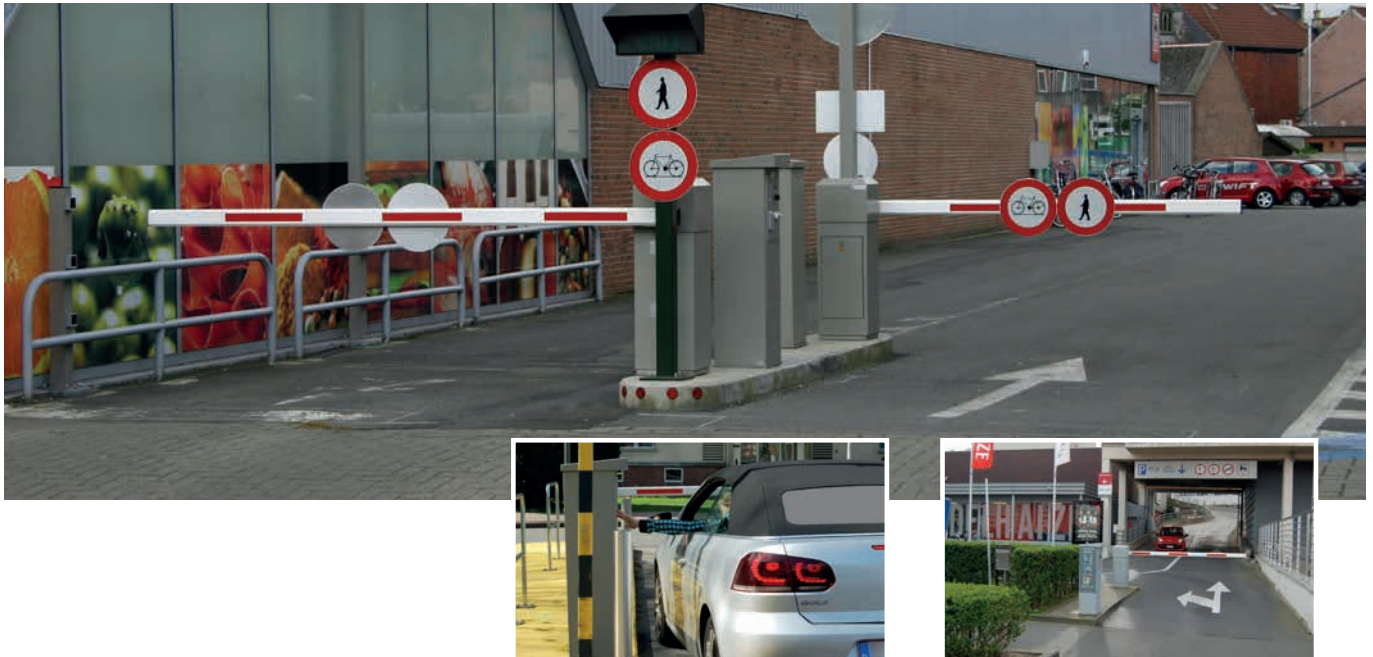
- The number of entrances and exits within one system is unlimited
- Using a barcode-scanner at the gate you can grant access to your visitors to a secured parking lot outside the opening hours

Validation Systems

- ParCom Printer
- Stand-Alone ticket generator
- External POS systems (Toshiba, Wincor, ...)

Hardware expansion capabilities

- Cardreader
- Barrier with safety loop
- Intercom
- Traffic island
- 2D barcode reader
- LED traffic light



Option - Parking GPS synchro • Date and time synchronisation via GPS.

Correctly synchronised date and time are of crucial importance in time-based parking systems. A GPS receiver synchronises the UTC (Coordinated Universal Time) time. Local time is then calculated from this.

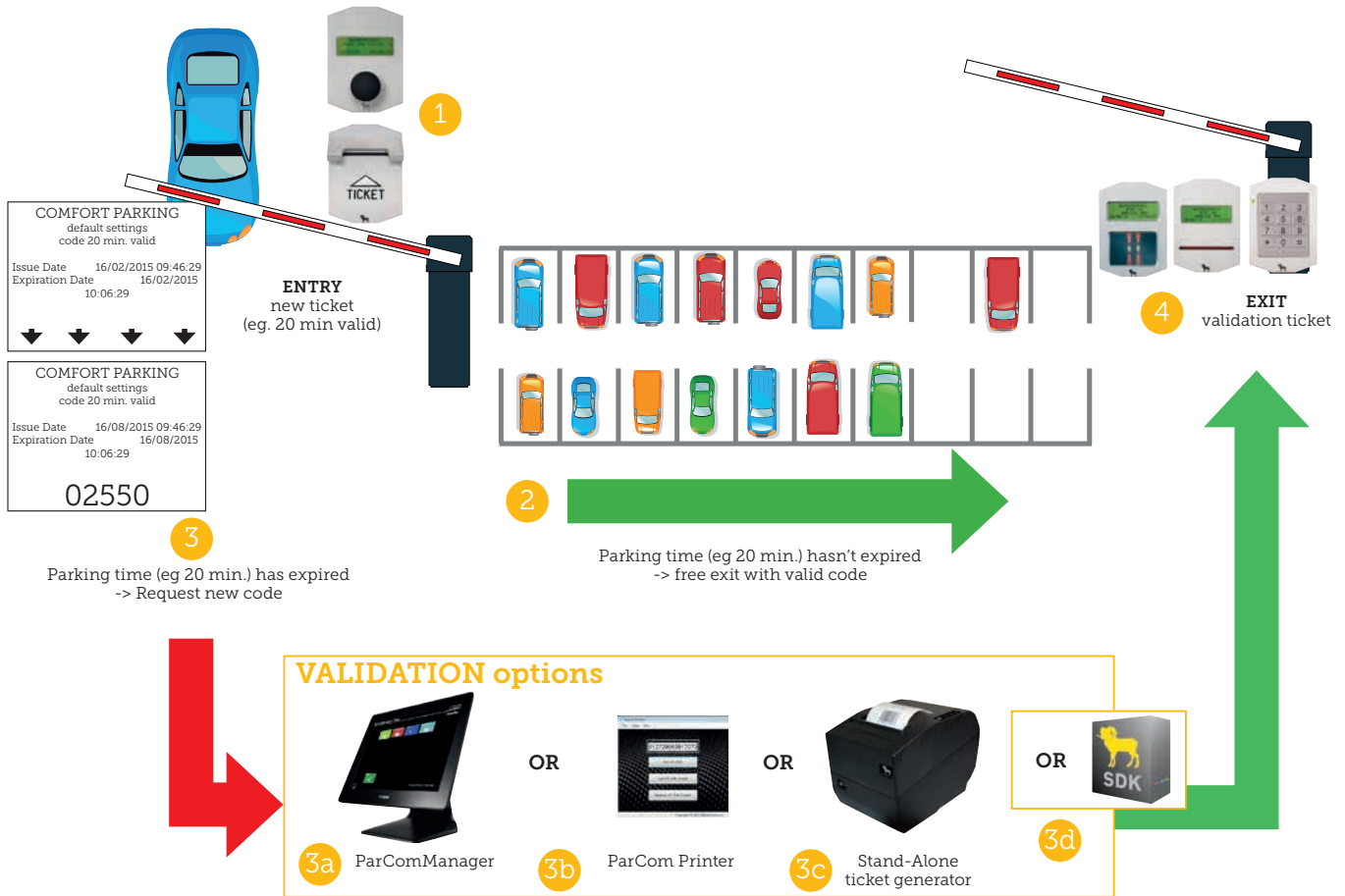
Validity of tickets:

- Algorithm 1 - Numeric Code: validity up to 24 hours, possibility of programming of fixed codes.
- Algorithm 2 - EAN 13 Barcode: validity up to 35 days*
- Algorithm 3 - CODE128 Barcode: validity up to 366 days*

* Depending on which validate unit



Parking scenarios



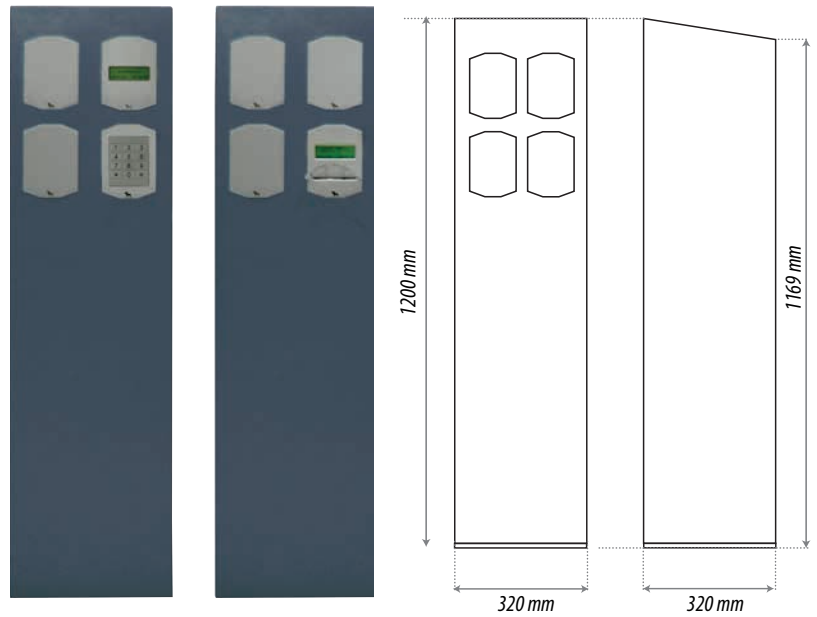
Comfort Parking References:



- 1 Entry**
 - The user pushes the button and receives a ticket encrypted with date and time
 - The barrier opens
 - After passage of the vehicle the barrier closes
- 2 Parking time \leq 20 min (free exit)**
 - The user presents the ticket at the exit station.
 - Barrier opens
 - After passage of the vehicle the barrier closes
- 3 Parking time $>$ 20 min**
 - 4 options to validate:
- 3a Parcom Manager**
 - The user receives a coded ticket for the exit, or receives a subscription
- 3b ParCom Printer**
 - The user receives a coded ticket printed by ParCom software on a Windows desktop printer
- 3c Alphasdk Stand-Alone Ticket-Generator**
 - The user receives a coded ticket by pushing the button at the ticket-Generator
- 3d Alphasdk**
 - For integration of different POS systems with our hardware
- 4 Exit**
 - User presents the ticket at the exit station.
 - Barrier opens
 - After passage of the vehicle the barrier closes

Hardware

- 1.2 m high CubeLine operating terminal
- Standard colour: RAL 7016 (anthracite)
- OctoLine push button with display (entry column)
- OctoLine ticket printer (entry column)
- OctoLine barcode reader/swallower (exit column)



GPS Antenna

- Mounting: Surface mounting
- Water resistance: IP67
- Cable length: 150 cm
- Connector: SMA-male
- Receiving signals: GPS
- Function: antenna for use in combination with the synchronization module



Synchronisation Module

- Housing: plastic
- Supply voltage: 12-24Vdc +-10%
- Mounting: Din-rail mountig
- Water resistance: indoor use
- Article number: GPS antenna + Synchronization Module
1-040601-0001-000-000-00



Comfort parking manager

- Registration options:
 - Financial
 - Tickets
 - Authentication
 - POS count
- Ticket design: customize different types of tickets according to customer needs
- Voucher Ticket System
- Configure type of tickets itself:
- Single validity of ticket
- Subscription with fixed or dynamic duration
- Print multiple tickets (eg for a conference)
- Validation of tickets based on pay tables
- Grant discounts possible
- Numeric and barcode tickets possible

