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INTEGRATED SOLUTIONS

## COMBINED ENTRANCE CONTROL TERMINAL FOR PASSENGER CARS AND LORRIES

Control terminal for issuing magnetically coded short term parker tickets and for checking season parker cards, debit cards, credit cards, ec cards and PM ABACUS special tickets.

- Different tariffs for passenger cars and lorries possible
- Ticket issuing after pressing the ticket request button or automatically after occupying the induction loop (express entrance)
- Issuing speed for short term parker tickets with imprint less than 1.9 seconds
- Multiple swindling protection: Ticket issuing only after the induction loop has been occupied, message if passage does not occur via the induction loops
- Transaction check: inside/outside check
- Ticket issuing automatically blocked if the car park is occupied
- Automatic switching free/occupied
- Vehicle counting according to the type of ticket
- Ticket magazine for up to 10,000 tickets
- Intercom device
- Ethernet connection



### Basis equipment

Two Entrance Control Terminals in one casing

Ergonomic arrangement of the flashing ticket request button combined with a card insertion slot with rain deflector

Magnetic card reader for processing PM ABACUS side strip tickets

Wire matrix printer for printing car park data, entrance time and ticket number on inexpensive uncoated paper tickets

Ticket magazine for an accordion box with up to 5,000 paper tickets

Ticket shortage message upon reaching a remaining amount set by the operator

LCD, 2x20 characters, backlit, glare-free installation

Terminal Control Computer LCC with LINUX® operating system, with passive cooling, wear-free storage medium and ENT application

Ethernet connection for communication with the data control centre (LAN, WAN (VPN), WLAN)

Intercom device

### Options

Extended ticket magazine for two accordion boxes with storage for up to 10,000 paper tickets, with automatic changeover

TFT colour display (10.4") for graphical operating instructions or advertisement

Graphical LCD for displaying special characters or customised graphic

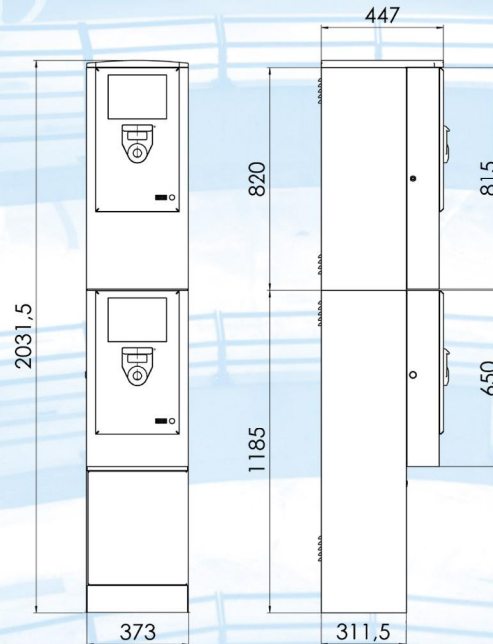
Shutter: Ticket insertion with shutter mechanism to provide protection against water and misuse (insertion of foreign matter into the reader)

Illuminated insertion slot

Magnetic card reader for processing PM ABACUS central strip tickets in all 4 insertion directions in order to minimise operating errors and optimise throughput

Automatic ticket retraction of short term parker tickets which have not been removed

## COMBINED ENTRANCE CONTROL TERMINAL FOR PASSENGER CARS AND LORRIES



### Options

Credit cards and ec cards can be used as short term parker tickets (drive&pay) or season parker cards

Contact chip-based cards (e.g. smart cards) can be used as short term parker tickets (drive&pay) or season parker cards

EasyMove for hands-free entrance control

Multi-application capable SmartCard system (RFID) ISO 15693, ISO 14443, Mifare or Legic for hands-free entrance control

Connection of various long range RFID systems for hands-free entrance control

Installation of customised readers

Vehicle height recognition

Installation of customised intercom devices

MP3 speech unit for interactive voice output as user guidance

VoIP: intercom device via Ethernet

Thermostatically or hygrostatically regulated heater

Thermostatically controlled fan

Key switch for direct control of barrier or a roller door

I/O board with 12 or 16 digital inputs and outputs for communication with external systems or devices

Surge voltage device protection

Uninterruptible power supply

Special customised terminal colour

Device ramming protection

Foundation frame/mounting kit

### Design

Stainless steel casing and door 1.4301 (V2A), aluminium front panel, environment resistant powder-coated outside and inside

Locking front door secured with a cylinder lock

Casing: RAL 7012 (basalt grey)  
 Door: RAL 9006 (aluminium white)  
 Front panel: RAL 5017 (traffic blue)  
 or  
 RAL 1003 (signal yellow)  
 or  
 RAL 3020 (traffic red)

### Technical data

Power supply: 230 V, 50/60 Hz  
 Power consumption: terminal 2x max. 120 W  
 heater 2x 250 W  
 Control voltage: 24 V  
 Weight: approx. 85 kg  
 Dimensions: see figure