



GPE4P ECONOMY

PARKING
SYSTEMS





PARKING SYSTEM ECONOMY

Parking system designed for the collection of parking fees, suitable for both public and private car parks – municipal car parks, parking at accommodation places, supermarkets, tourist attractions, historic sights, etc.

BASIC COMPONENTS

one or more entry terminals / an exit terminal / a corresponding number of road barriers / vehicle presence detectors / one or more automatic pay stations / a manual pay station

EXTENDING COMPONENTS

notification of the requirement for the attending staff to intervene via an e-mail or SMS / a display providing information on the car park occupancy – Vacant/Occupied

PARKING MEDIA

a bar code paper ticket / contactless chip plastic cards

OPERATION MODE

off-line

CONTROL

entirely autonomous operation of the system / individual components controlled by an own microprocessor control unit / transfer of information between components via bar codes on parking cards

STANDARD COMBINATION OF COLOURS

RAL 6029 – Mint green / RAL 9006 – White aluminium

OTHER PARAMETERS

power supply: 230 V AC / 50 Hz (120 V AC / 60 Hz)
working temperature: -25°C to +45°C

FUNCTIONS

automated collection of parking fees according to a set tariff / messages announcing the requirement for the attending staff to intervene (lack of coins in the coin validator, overfilling of cash boxes, lack of paper) by switching the relay output on (with an option of further connection, e.g. to a modem)

ADVANTAGES

low purchase price / autonomous solution (it does not require a connection to the server or PC) / easy to operate / low operating costs and highly reliable operation due to the use of bar code technology / zinc coating surface treatment ensuring long service life / easy and fast to install

AUTOMATIC ROAD BARRIER

Automatic road barrier to control vehicle entries to and exits from car parks and roads



Lever mechanism equipped with a coil spring



Two-chamber semaphore

Parameters

- material: zinc coated steel metal plate of the 2.5 mm thickness
- surface treatment: polyester powder coating
- dimensions: 350 × 300 × 1085 mm (without the arm)
- weight: 72 kg
- arm length: 1 – 6 m
- time of movement: 1 – 5 s (depending on the arm length and the speed module type)
- power consumption in the idle state: 5.2 W (without a detector)
- maximum power consumption: motor 250 W (electrical spike 5 A)
- control: microprocessor, with frequency regulation

Optional Accessories

- speed module
- two-chamber semaphore
- two channel external vehicle presence detector
- safety photocell
- barrier arm equipped with swing-off mechanism
- knuckle mechanism
- protective rubber stripe
- arm lighting
- barrier skirt (aluminium)
- fixed support of barrier arm

AUTOMATIC PAY STATION

Automatic pay station designed for collection of parking fees



Contactless card reader



Bar code reader

Parameters

- material: zinc coated steel metal plate of the 2 mm thickness
- surface treatment: polyester powder coating
- dimensions: 480 × 412 × 793 mm (without the base)
- weight: 62 kg (without the base)
- maximum power consumption: 550 W (150 W power supply + 400 W heating)
- control: microprocessor
- display: colour graphic LCD display (320 × 240 px)
- control: 4 buttons
- optionally cash and non-cash payments
- installation – floor or wall mounting
- receipt printing
- “lost parking card“ function

- the automatic pay station can be fully replaced by the manual pay station (a mobile device with an installed software application)

Automatic pay station variants

- equipped with a coin changer and a banknote reader
- equipped with a banknote recycler

Optional accessories

- terminal for the accepting of contactless payment cards
- intercom
- base of different height (550 mm for the payment at the exit, 700 mm for wheelchair access, 900 mm for common use)

GPE4M Automatic Pay Station

ENTRY AND EXIT TERMINAL

The entry terminal designed for the dispensing of parking cards and the exit terminal designed for the reading of parking cards



Entry terminal front panel



Exit terminal front panel

Parameters

- material: zinc coated steel metal sheet of the 2 mm thickness
- surface treatment: polyester powder coating
- dimensions: 282 × 274 × 1170 mm
- weight: 30 kg
- power consumption in the idle state: 20 W
- maximum power consumption: 195 W (150 W power supply + 45 W heating)
- control: microprocessor
- display: alphanumeric LCD display (2 × 20 characters)

- **Entry terminal variant:**
 - equipped with a bar code printer
 - equipped with a contactless card reader
- **Exit terminal variants:**
 - equipped with a bar code reader
 - equipped with a contactless card reader

Optional Accessories

- graphic LCD display (320 × 240 px)
- motorized reader of parking cards
- intercom



EUROPEAN UNION
European Regional Development Fund
Operational Programme Enterprise
and Innovations for Competitiveness

GREEN Center s.r.o.

Zenklova 1545/39, 180 00 Praha 8 – Libeň
Czech Republic

www.green.cz • www.parking-system.com
e-mail: export@green.cz • tel.: +420 266 090 090 • GSM: +420 606 634 246