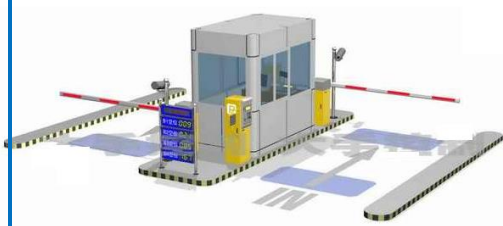




SUBSCRIPTION BASED WITH  
ANPR  
TICKET DISPENSER  
TICKET READER  
INFORMATION DISPLAYS  
PARKING SPOT SIGNS



# OPEN PARK

## Integrated parking and tolling system



OpenPark is an integrated Parking Management, tolling and vehicle access solution. It integrates several sensors according to customer site needs including ANPR cameras, RFID readers, Barcode ticket dispenser and reader using secure QR-Code. It also includes a complete POS system, shift management, cash accounting and collection, ticket printing manually and through ticket dispenser and mobile application.

Every vehicle entry/exit record is documented with a snapshot and or Video clip with time stamp, relevant ticket or RFID card data used in the event.

Automatic Number  
Plate Recognition  
that works  
worldwide

Free subscription  
lane, ticket  
dispenser for non-  
members, ticket  
readers, e-payment  
with NFC

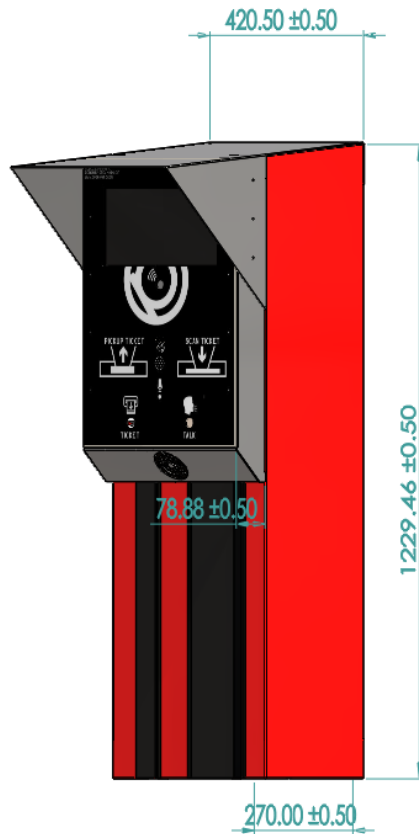
Centralized  
management can  
work with unlimited  
number of entry and  
exit lanes

OPENPARK  
TECHNOLOGIES KFT  
1051 Budapest,  
Széchenyi István tér 7-8  
Hungary

Tel: +361 800 1909

[www.open-park.com](http://www.open-park.com)

## Entry / Exit Station Specifications



- Intel® i5-i7 Processors
- 1x DDR3L SO-DIMM
- 1x HDMI and 1xDP for display output
- 2x GbE LAN for Ethernet
- 4x USB 3.0, 2x USB 2.0 for USB device connection
- 5x RS232/422/485 for serial device connection
- 1x SATA 3.0 HDD / SSD for storage
- 1x M.2 Key A for Wi-Fi / Bluetooth expansion

The OGC is integrated as an option for the Entry or Exit Terminal. In case LPR is required (OGC-002)  
If not LPR is required, the OGC-01 is only required with integrated barrier control function.

- Time and date display, Voice prompt.
- QR code ticket printing and scanning.
- Removable ticket tray with capacity of 1000 fan-folded tickets (expandable with additional trays)
- Online and offline operation with server synchronization through TCP/IP
- Available communication interfaces: Ethernet port, WIIF integrated module, USB, RS-232
- Battery backup for real-time clock.
- Thermostatically controlled heater/ventilation fan with on/off/auto switch.
- Operating temp -10 deg C to 70 deg C
- IP54 outdoor protected housing (Available optional accessories to reach IP65)
- Access control optional support for Mifare RFID (13.5MHz), Proximity cards (125KHz), Long range RFID (UHF EPC Global), QR code printed ticket, anonymous ticket printing for guest through push button, mobile app scanning for gate QWR code through cloud solution or remotely by operator.
- License plate recognition option supported, requires the OGC (OpenPark Gate controller) and OP-LPR (License plate recognition) engine license
- Multiple ticket option through administration interface according to RFID card or pre-printed ID with QR code.
- Special ticket for valet parking.
- Ticket sensor for low or empty tray
- IP Voice Intercom based on SIP protocol to integrated with any third-party IP telephony or standard based Intercom solution or even with IP integrated radio systems.

### OpenPark Gate controller

OpenPark Gate controller to integrate License plate recognition camera with OpenPark Gate barrier to open for registered cars and control a LED traffic sign with Green Arrow or Red Cross. It also provides remote control through software interface from web back-office or from Mobile app.

It is integrated into the OpenPark Entry and Exit Terminals

# OpenPark Entry Station



## Power Supply

AC 220V±10%, 50/60HZ, Max.1.5A

## Operating temperature

-10°C-70°C

## Humidity:

10%~95%

## Reader type:

EM-ID, Mifare-IC, EPC Gen2,  
Barcode ticket printer and reader

## RFID Reading options:

Mifare 5-10cm  
Passive long range 3-12m

## Printing and verifying

<1s

## LED Display:

Resolution64×32, active size  
320mm×160mm

## Intelligent Control Unit:

- Intel® or ARM architecture
- 4GB DDR4 / 64GB SSD
- 1x Line-out / Mic-in
- Interfaces 1LAN, 4xUSB, 1xRS-232

## Intercom

IP based audio intercom available with  
client software for the security  
operator

## Ticket printer / checker

- 1 D & 2D Barcode Print & Read  
capability Aztec, Data Matrix, PDF417,  
QRCODE
- USB interface with control unit
- Ticket printing with automatic cutter  
up to 1 Million cuts
- Barcode ticket reader integrated

## Order Information

ES-01: Barcode ticket printer

ES-02: Barcode ticket printer and checker

ES-03: Barcode ticket checker

ES-04: Barcode ticket checker, Bluetooth mobile access

ES-0x-RF: Integrated RFID reader

ES-0x-RF-P: Proximity

ES-0x-RF-M: Mifare

ES-0x-RF-L: Long range

ES-0x-V: Audio Video intercom

EGC-01: Entry gate controller with barrier control

EGC-02: Entry gate controller with LPR CPU

Gate controller models OP-GC family with model number  
stated "POx-iy"

Where x = gate controller family

Y = CPU model

P01-Industrial Computer for process control

P02-High Performance Embedded Box PC

P03-Powerful high-end industrial computers

P04-Fanless Industrial Computer



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