

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

# OPEN PARK

## Integrated parking and tolling system



**OPEN PARK** 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

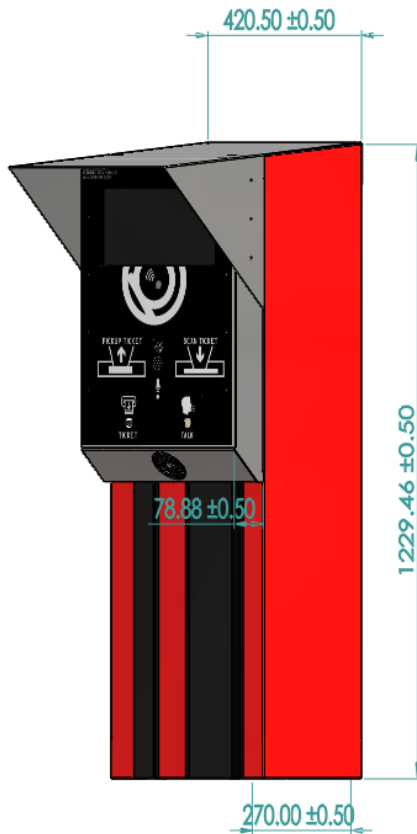
Centralized  
management can  
work with unlimited  
number of entry and  
exit lanes

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## Entry / Exit Station Specifications



- 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.



- Intel® Apollo Lake SoC Processors
- 1x DDR3L SO-DIMM
- 1x HDMI for display output
- 2x GbE LAN for Ethernet
- 2x USB 3.0, 2x USB 2.0 for USB device connection
- 1x 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.

### 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



<b>Power Supply</b>	AC 220V±10%, 50/60HZ, Max.1.5A
<b>Operating temperature</b>	-10°C-70°C
<b>Humidity:</b>	10%~95%
<b>Reader type:</b>	EM-ID, Mifare-IC, EPC Gen2, Barcode ticket printer and reader
<b>RFID Reading options:</b>	Mifare 5-10cm Passive long range 3-12m
<b>Printing and verifying</b>	<1s
<b>LED Display:</b>	Resolution64×32, active size 320mm×160mm
<b>Intelligent Control Unit:</b>	<ul style="list-style-type: none"><li>• Intel® or ARM architecture</li><li>• 4GB DDR4 / 64GB SSD</li><li>• 1x Line-out / Mic-in</li><li>• Interfaces 1LAN, 4xUSB, 1xRS-232</li></ul>
<b>Intercom</b>	IP based audio intercom available with client software for the security operator
<b>Ticket printer / checker</b>	<ul style="list-style-type: none"><li>• 1 D &amp; 2D Barcode Print &amp; Read capability Aztec, Data Matrix, PDF417, QRCODE</li><li>• USB interface with control unit</li><li>• Ticket printing with automatic cutter up to 1 Million cuts</li><li>• Barcode ticket reader integrated</li></ul>

## Order Information

ES-01: Barcode ticket printer, Audio intercom  
ES-02: Barcode ticket printer and checker, Audio intercom  
ES-03: Barcode ticket checker, intercom  
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: Video intercom  
EGC-01: Entry gate controller with barrier control  
EGC-02: Entry gate controller with LPR CPU



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