OPEN PARK

OPENPARK TECHNOLOGIES

OpenPark Multi-technology Reader

CASHLESS

Hustle free entry and exit, no congestions, no cash problems, no consumables, e-bill is sent as SMS or Push notification to OpenPark mobile app

MOBILE

Mobile registration with e-payments, or admin authorisation for private access or ticket sales

TRANSPARENCY

Facility managers and facility managers can grant access and monitor all access events for vehicles and pedestrians all over different facility gates

IOT COMPLIANT

All OpenPark smart devices can communicate directly through MQTT protocol to any industry standard IOT platform or City Operation Center

FACILITY TYPES

Parking
Parking access control and revenue management

Venues
Event management and ticket sales

Commercial buildings
Employee cards for parking, elevator and room access

Residential buildings
Parking and home access using same system

Here is the reason why
WHY CHOOSE US

OpenPark solution is developed from the ground up for modern smart city architecture taking in consideration the latest technologies for seamless mobility integration

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MULT-TECHNOLOGY READER

OpenPark RFID/QR code reader can check membership NFC/RFID cards and one time entry tickets or temporary passes for time period or number of entries
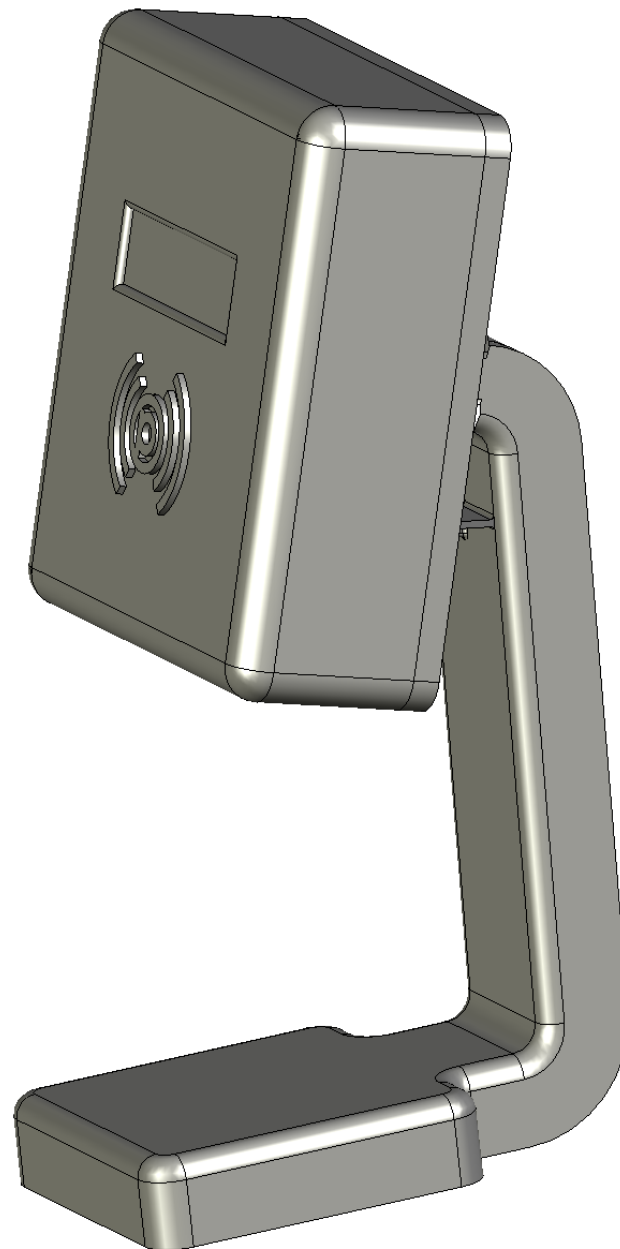
TURNSTILE-POLE MOUNT READER

OpenPark Access controller Reader and ticketing terminal designed for multipurpose applications such as Parking entrance, turnstile pedestrian access control for events, stadiums, fun parks, fitness centers. This terminal is developed to read a variety formats of barcodes, QR codes, RFID cards and wristbands. OpenPark Access control reader/controller has LCD display with the following interfaces for connecting gate/door peripherals:

- 1 x RS-232/RS-485 serial interface
- 10/100/1000 Mbps Ethernet interface
- Integrated RFID reader (Mifare)
- QR code scanner
- Digital inputs: 4
- Relay outputs: 2
- Optional mounting kit for turnstile, wall and floor standing.

SPECIFICATIONS

- Large character LCD 2 line display
- ARM high performance CPU
- Onboard 32GB storage for off-line operation
- RFID integrated reader/writer for contactless communication at 13.56 MHz. The reader supports ISO 14443A / MIFARE®mode.
- Supported cards: MIFARE Mini, MIFARE 1K, MIFARE 4K, MIFARE Ultralight, MIFARE DESFire EV1 and MIFARE Plus RF identification protocols
- Polyethyline solid material for indoor and outdoor use
- Industrial 2D imager fast scanning module with Red flashing light
- QR code ticket or mobile screen QR scanning
- Online and offline operation
- Server synchronisation through TCP/IP
- Battery backup for real-time clock.
- Internal web server for configuration and settings
- Direct MQTT communication protocol with OpenPark Parking Management Server
- Photobiological Safety: IEC62471
- EMC compliance: CE & FCC DOC Compliant; VCCI; BSMI
- Operating Humidity: 5% ~ 95%
- Operating temp -20 deg C to 60 deg C
- IP65 outdoor protected housing
- Power supply 220V AC / 5 V DC- 20Watt

ORDER INFORMATION

- [ES-04-RF]: Embedded RFID reader with MQTT interface
- [ES-03-1D]: RFID and Barcode ticket checker with MQTT interface
- OP-TSM: Turnstile mounting kit.
- OP-PDL: Post 100 cm for parking entry posts

CONTACTS

OpenPark Technologies Kft
HQ: Szechenyi Istvan ter 7-8. 1051 Budapest
Tel: +3618001909, +36702175650

Factory: Finn utca 2, 7630 ,Pécs, Hungary

DOOR ACCESS READERS

OpenPark Biometric and RFID/proximity reader can check membership NFC/RFID cards or easily identify the person through biometric features such as face or fingerprint

ES-05 door RFID/Proximity reader

ES-06 Biometric door access controller with face identification, fingerprint RFID/Proximity reader

OPENPARK BIOMETRIC READER

OpenPark Access control Reader is designed for multipurpose applications such as building entrance, elevator access, secure zone access by combining contact-less smart cards and biometric readers. This terminal is developed to read a variety formats such as Mifare, DESFire 13.5MHz or RF cards 125KHz. OpenPark Access control reader has the following interfaces for connecting gate/door peripherals:

- 1 x RS-232/RS-485 serial interface
- 10/100/1000 Mbps Ethernet interface
- Integrated RFID/Proximity reader
- Multiple I/O interfaces
- Optional biometric readers (for model ES-06) including face identification and fingerprint detection.

SPECIFICATIONS

- ARM high performance CPU
- Onboard 32GB storage for off-line operation
- RFID integrated reader/writer for contactless communication at 13.56 MHz. The reader supports ISO 14443A / MIFARE®mode.
- Supported cards: MIFARE Mini, MIFARE 1K, MIFARE 4K, MIFARE Ultralight, MIFARE DESFire EV1 and MIFARE Plus RF identification protocols
- Polyethyline solid material for indoor and outdoor use
- Online and offline operation
- Server synchronisation through TCP/IP
- Battery backup for real-time clock.
- Internal web server for configuration and settings
- Direct MQTT communication protocol with OpenPark Access Management Server or third part IOT platform
- EMC compliance: CE & FCC DOC Compliant; VCCI; BSMI
- Operating Humidity: 5% ~ 95%
- Operating temp -20 deg C to 60 deg C
- IP65 outdoor protected housing
- Power supply 220V AC / 5 V DC- 20Watt
- **For ES-06 Biometric reader:**
- Display:2.8 inch TFT colour screen
- Fingerprint capacity:3000
- Face capacity:300
- Storage Capacity:200000
- Recognition speed < 0.7 sec

ORDER INFORMATION

- [ES-05]: RFID reader with MQTT interface and IO for door status
- [ES-06]: RFID and Biometric reader with keypad
- OP-TSM: Turnstile mounting kit.
- OP-PDL: Post 100 cm for parking entry posts

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