# Parking access control system with automatic payment machine

**Vidosoft™ CarPark**



## Product Introduction

Parking access control system is an innovative and versatile solution that addresses the needs of various retail locations and parking garages. By offering a self-service payment terminal, customers can complete their transactions in a timely manner, without the need for manual intervention from cashiers or personnel. This not only improves the overall customer experience but also optimizes operational efficiency.

One of the key advantages of Parking access control system is its flexibility in terms of payment methods. Customers can utilize a variety of payment options, including credit cards, debit cards, and mobile payments, to complete their transactions. This not only provides customers with more convenient payment choices but also helps to streamline the payment process.

Furthermore, by automating the payment process, Parking access control system can significantly reduce wait times, which is beneficial for both customers and businesses. This not only improves the overall customer experience but also helps to increase customer satisfaction and loyalty.
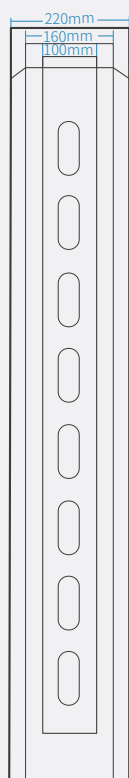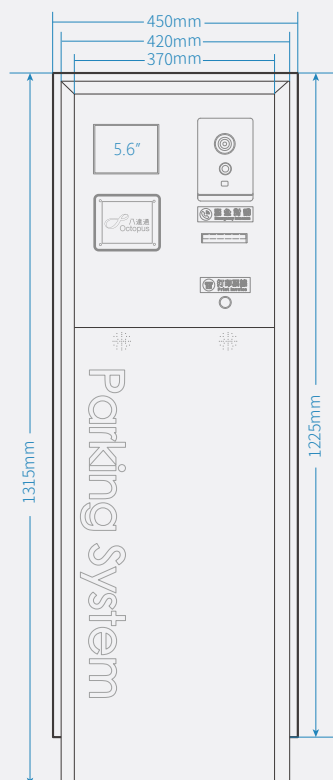
## Features

- Fast identification and reading, card reading time ≤ 2 seconds.

- Sturdy casing material with high-quality craftsmanship.

- Supports Octopus card identification and deduction for entry and exit.

- Equipped with a high-definition LED display screen, supporting multimedia display.

- Uses TCP/IP communication method, supporting network intercom.

- Supports optional printing of receipts/tickets.
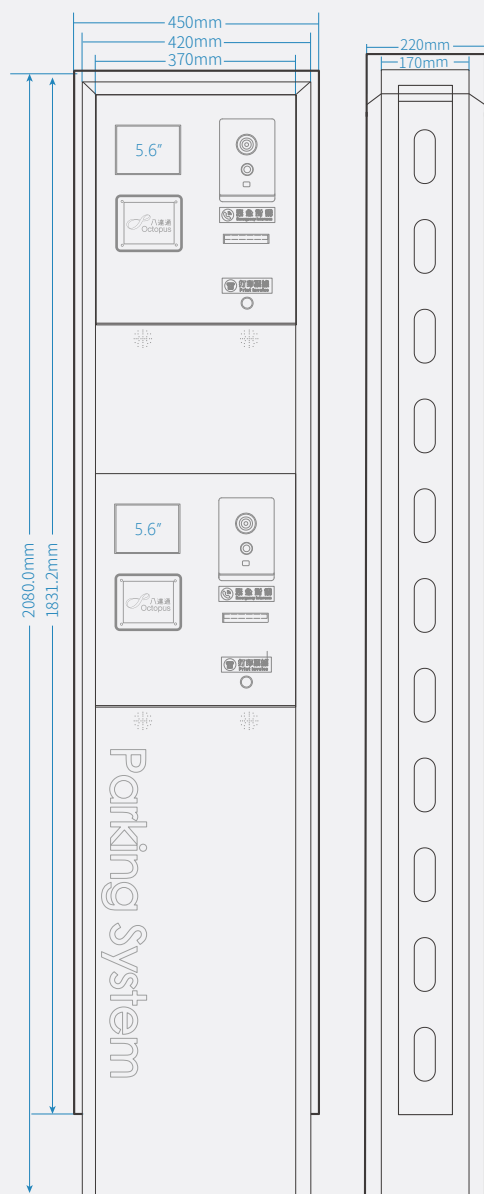
## Ordering Information

| Model | Description |
|---|---|
| VDC-181-MOP | Single layer car park ticket management system, Includes Display screen & Intercom & Ticket printing & Industrial Computer |
| VDC-181-MO | Single layer car park ticket management system, Includes Display screen & Intercom & Ticket printing |
| VDC-281-MOP | Dual layer car park ticket management system, Includes Display screen & Intercom & Ticket printing & Industrial Computer |
| VDC-281-MO | Dual layer car park ticket management system, Includes Display screen & Intercom & Ticket printing |

# Specifications

| Product | VDC-181-MO(P) |
|---|---|
| Card Reading Method | Octopus Card Reader (optional) |
| Card Reading Time | ≤2 seconds |
| Operating Voltage | DC12V |
| Operating Power | 70W-200W |
| Operating Temperature | -10℃ ~ 60℃ |
| Communication Method | TCP/IP |
| Material | Galvanized Steel Plate |
| Relative Humidity | ≤90%, non-condensing |
| Enclosure Size | 220mm(D)x 450mm(W) x 1315mm(H) |
| **Display Screen** | |
| Size | 5.6 inches |
| Resolution | 640 x 480 |
| Display Brightness | 300nit, with 64 levels of adjustment |
| Display Content | Supports customization |
| Screen Size | 112.9mm(L) x 84.7mm(W) |
| **Intercom** | |
| Camera | 1/2.8'' 2MP CMOS high-definition |
| Wide Dynamic Range | 120dB |
| Noise Reduction | 3D noise reduction |
| Video Compression Format | H.264 |
| Video Resolution | WVGA,720P, D1 |
| Intercom Method | Network Intercom |
| Audio Output | Built-in Microphone |
| Protection Level | IP65 |
| Size | 100 mm(W) x 24.8 mm(D) x 150mm(H) |
| **Ticket Printing** | |
| Printing Speed | 150 mm/s |
| Printing Method | Line Thermal Printing |
| **Industrial Computer** (-P Model) | |
| Processor | Intel® Core™ i7-5500U 2.40 GHz |
| Memory | ISODIMM*1 supports up to 8GB DDR3L-1600Mhz |
| Network | 2xRJ4510/100/1000Mb/s Intel i211AT Ethernet |
| Serial Port | 6xRS232 (3-wire), 2 of which are optional RS485 |
| Supported Systems | Win7, Win8, Win8.1, Win10, WES7, WES8, Linux, VxWorks |
| Material | Full aluminum alloy craftsmanship, good shock resistance and impact resistance |
| Power Consumption | Low power consumption of 15W, energy-saving |
| Operating Temperature | -20℃ ~ 75℃ |
| Size | 235mm(W) x 137mm(D) x 51mm(H) |

5.6"

Octopus

Parking System

450mm
420mm
370mm

1315mm
1225mm

220mm
160mm
100mm

# Specifications

| Product | VDC-281-MO(P) |
|---|---|
| Card Reading Method | Octopus Card Reader (optional) |
| Card Reading Time | ≤2 seconds |
| Operating Voltage | DC12V |
| Operating Power | 70W-200W |
| Operating Temperature | -10℃ ~ 60℃ |
| Communication Method | TCP/IP |
| Material | Galvanized Steel Plate |
| Relative Humidity | ≤90%, non-condensing |
| Enclosure Size | 220mm(D)x 450mm(W) x 1315mm(H) |

## Display Screen

| | |
|---|---|
| Size | 5.6 inches |
| Resolution | 640 x 480 |
| Display Brightness | 300nit, with 64 levels of adjustment |
| Display Content | Supports customization |
| Screen Size | 112.9mm(L) x 84.7mm(W) |

## Intercom

| | |
|---|---|
| Camera | 1/2.8'' 2MP CMOS high-definition |
| Wide Dynamic Range | 120dB |
| Noise Reduction | 3D noise reduction |
| Video Compression Format | H.264 |
| Video Resolution | WVGA,720P, D1 |
| Intercom Method | Network Intercom |
| Audio Output | Built-in Microphone |
| Protection Level | IP65 |
| Size | 100 mm(W) x 24.8 mm(D) x 150mm(H) |

## Ticket Printing

| | |
|---|---|
| Printing Speed | 150 mm/s |
| Printing Method | Line Thermal Printing |

## Industrial Computer  (-P Model)

| | |
|---|---|
| Processor | Intel® Core™ i7-5500U 2.40 GHz |
| Memory | ISODIMM*1 supports up to 8GB DDR3L-1600Mhz |
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450mm
420mm
370mm

220mm
170mm

5.6"

Octopus

Parking System

2080.0mm
1831.2mm