



## 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.

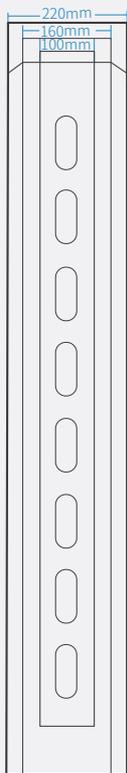
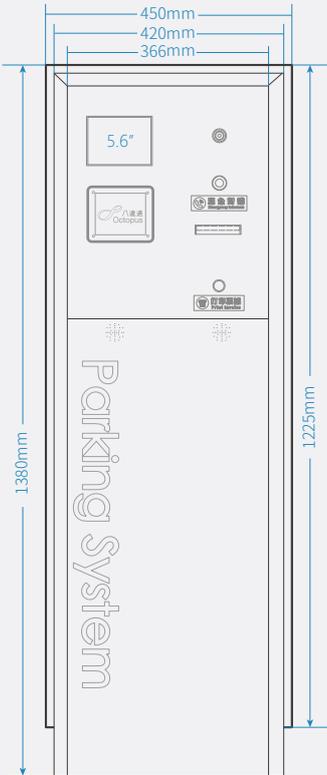
## Features

- Fast identification and reading, card reading time  $\leq 2$  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

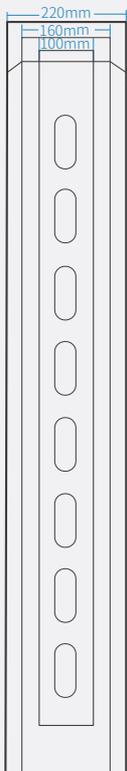
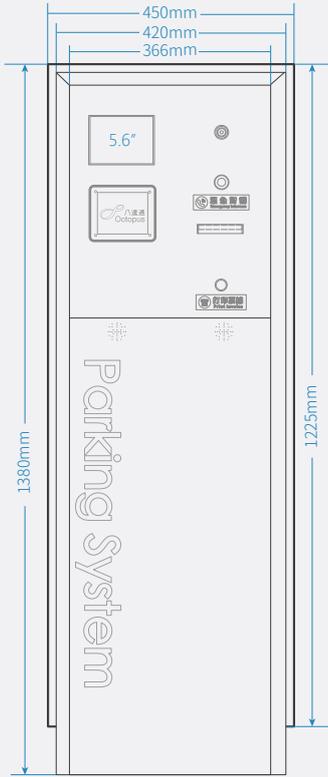
| Model       | Description  |
|-------------|--|
| VDC-182-MOP | Single layer car park ticket management system, Includes Display screen & Intercom & Ticket printing & Industrial Computer |
| VDC-182-MO  | Single layer car park ticket management system, Includes Display screen & Intercom & Ticket printing                       |

# Specifications



|                         |  |
|-------------------------|--|
| <b>Product</b>          | <b>VDC-182-MO (P)</b>                                    |
| Operating Power         | 70W-200W   |
| Operating Temperature   | -10°C ~ 60°C   |
| Communication Method    | TCP/IP   |
| Material                | Galvanized Steel Plate                                   |
| Power                   | 220V   |
| Relative Humidity       | ≤90%, non-condensing                                     |
| Enclosure Size          | 220mm(D) x 400mm(W) x 1200mm(H)                          |
| <b>Card Reader</b>      |  |
| Card Reading Method     | Octopus Card Reader (optional)                           |
| Card Reading Time       | ≤2 seconds   |
| Operating Voltage       | DC12V  |
| <b>Display Screen</b>   |  |
| Size                    | 5.6 inches   |
| Resolution              | 640 x 480 ( can be set to 480 x 640 (90° rotation mode)) |
| Display Brightness      | 250-300 cd/m <sup>2</sup>                                |
| Display Content         | Customize  |
| Screen Size             | 144.8mm(L) x 110.2mm(W)                                  |
| Display Size            | 112.9 mm x 84.7mm  |
| Field of View Size      | 115.3 mm x 86.4 mm                                       |
| Operating Voltage       | 5-24 V   |
| Communication           | Supports multiple interfaces: RS232/TTL/RS485            |
| <b>Intercom Gateway</b> |  |
| SiP Line                | 2  |
| Transmission Protocols  | IP/RTP/RTSP  |
| Camera                  | Via external accessories with RJ45 Port                  |
| Recording Output        | 3.5mm standard audio interface                           |
| Mono Active Speaker     | Aubio line out out                                       |
| Built-in Electric Relay | 1  |
| Access Control          | 2  |
| Power Amplifier         | 10W~30W mono channel power amplifier output              |
| Network Port            | Adaptive 10/100 Mbps                                     |
| WAN Port                | 1, support POE   |
| PoE Level               | Class 3  |
| Size                    | 113x83x28 mm   |
| <b>Speaker</b>          |  |
| Type                    | 5W/8Ω Waterproof loudspeaker                             |
| Diameter                | 57mm   |
| <b>Microphone</b>       |  |
| Sensitivity             | -38dB ± 2  |

# Specifications



|                                       |   |
|---------------------------------------|---|
| Standard Working Voltage              | 3V  |
| maximum Working Voltage               | 10V   |
| Output Impedances                     | ≤2.2KΩ  |
| Dimension                             | Diameter: 9.7mm, Height: 4.7mm  |
| <b>Button</b>                         |   |
| Dimension                             | Diameter: 16mm, Height: 23.8mm  |
| Material                              | Self-restorable stainless steel   |
| Protect Level                         | IP67, IK10  |
| Button Backlight                      | Use LED lamp  |
| <b>IP Camera</b>                      |   |
| Image Sensor                          | 1MP, 1/4"H62 CMOS sensor  |
| Illumination                          | Color 0.1Lux@F1.2<br>Black/White 0.01Lux@F1.2                               |
| Video Bit Rat                         | H. 264, support dual stream, AVI  |
| Resolution                            | Main stream: 1280*720<br>Sub-stream: 704*576                                |
| <b>Ticket Printing</b>                |   |
| Printing Speed                        | 150 mm/s  |
| Printing Method                       | Line Thermal Printing   |
| <b>Industrial Computer (-P Model)</b> |   |
| Processor                             | i3-6100 3.70GHz   |
| Chipset                               | H110  |
| Memory                                | On board 8GB DDR4   |
| Storage                               | SSD 256G  |
| Ethernet Interface                    | 10/100/1000 Mbps  |
| Ethernet Controller                   | 1 x Intel® 1210;1 x IWGI219LM   |
| Ethernet Connector                    | 2xRJ-45   |
| Main Display                          | VGA (1 xDB15, max resolution up to 1920 x 1080 @ 60Hz)                      |
| Second Display                        | HDMI (1 xHDMI, support HDMI1.4 standard, max to 3840 x 2160 @ 30HZ )        |
| USB                                   | 4 x USB3.0 & 2 x USB2.0   |
| LAN                                   | 2 x RJ45  |
| Serial Port                           | 2 x DB9 (RS232/422/485 with automatic flow control)<br>4 x DB9 (only RS232) |
| Audio                                 | 1 x Speaker out with 8W amplifier, 1 x Mic-in                               |
| Supported Systems                     | Windows 11  |
| Input Voltage                         | 9 ~ 36V DC  |
| Operating Temperature                 | -25 ~ 50°C (with industry SSD)  |
| Size                                  | 210 x 76 x240 mm  |