

EN-200

PARKING

A white parking sign icon on a green background, featuring a large 'P' with a car silhouette and an arrow pointing to the right.

Entry Station

Operation Guide

EN-200 is set up at entry of parking lot. Car detector will start the entry station when vehicles enter induction area. System will start voice messages and LCD screen to guide drivers. Temporary parking drivers can press button to receive a Milfare IC token. Monthly card users only have to put Mifarew IC card to induction area. All equipments are Internet-connected to control the parking lot. Stations has stand-alone mode. System is offline. Data will be saved and send back to CMS after internet reconnected.



Ticket Issue System

- Data can rewrite into card, and data won't be demagnetized by external influences.
- System may come with single / double ticket holder and can hold up to 700 / 1400 tickets. The system will auto shift to other ticket holder, when one ticket holder is empty. Traffic warden doesn't need refill the ticket holder all time. Double ticket holder is an option for parking lot demand.
- There is a shutter system designed in the slot to protect machine. The shutter design can prevent small objects intrude and provide anti-water and anti-dust to machine.
- System can retrieve ticket when a car didn't entry the parking lot.
- Ticket issue mechanism adopt stainless composite track for continuous high speed issue.
- Managers can set up auto or push-button ticket issue model. Issue process takes less than 1 second.

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Mifare IC Card / Token

- Philips Mifare chips ensure the quality of our tokens. The tokens are OD=30mm and 3mm thickness.
- Environmental protection tokens are reusable up to 100,000 times, and also reduce cost.

LCD Screen Instruction and Voice Message

- High quality LCD screen, the display will not be influenced by light, words are clear and easy to read.
- Screen instructions and voice message to guide drivers to enter the parking lot. System will play voice message. (Welcome, please push button, the parking lot is full, please wait and please take the ticket...etc.)en.
- Screen will show operation messages (monthly card number, ticket expire, and repeat-use ticket.) and system will play Chinese voice message when driver put monthly card to the induction area.

Monthly Card Induction (Option)

- Drivers put monthly card to induction area then systems will check the card expire or not, and send parking record back to CMS
- Managers can set up control rules on CMS (Entry and exit control, open hours, open days and expire day.) and transfer data to monthly rent management system. If customer doesn't extend an overdue card, system will make the ticket invalid. This can saves traffic warden time to check data.
- The system will use voice messages instructions on screen to guide drivers. (Repeat-use cards, ticket expire, and parking at wrong area.)

Micro unit CPU

- Our system use industrial CPU to design our control module.
- TCP/IP (Ethernet) interface, and connection without interference
- Station can operate on its own when the system is offline. The system will save data and send back to CMS when internet is connected again. If system is under outage, memory can store 200,000 data over 5 years.
- Managers can change system parameters immediately from CMS. CMS can restrict operation level to prevent an unauthorized person changing the setting.
- System can restart working in 10 seconds when unexpected outage or restart PC.

Alert and Monitoring

- CMS will display alert messages with sound alarm when system disconnect.
- EN-200 can send an error message for shortage of tickets or system failure.
- Parking lot can show parking space amount on parking space displayer by RS-485.
- EN-200 has a test button to examine ticket issue and retrieve function.
- System will auto retrieve the invalid cards, and invalid cards can not be used to pay.
- The barrier will close by setting time if the driver has taken the ticket but didn't enter the parking lot.
- CMS can set up to count the monthly card parking space or not when the parking lot is full.
- Logic board has LED light to show the status. Engineer can find out the problem very easy.
- System will auto check all the time. Technician can find out the problem from alarm sound.

Equipment Standards

- Power : AC110 / 220V, 50/60Hz, 1PH
- Power consumption : 80W
- Operation temperature : 0°C~55°C (heater is an option)
- Operation relative moisture : 85%RH (no dew)
- Ship or storage temperature : 0°C~55°C
- Dimension: L565 X W400 X H1520mm
- Height of ticket slot : 900mm
- Height of return ticket slot : 880mm
- Net Weight : 65 KGS
- Certification : ISO 9001 / CE

Cabinet

- Cabinets coating with 0.15mm thickness a hybrid system of epoxy and polyester resin. 2.0mm high strength steel weatherproof 4 doors cabinet.
- Anti-snow and anti-water rain cover. (Option)

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