PARKING MANAGEMENT SYSTEM
AI PARKING BOX
Model No.: TD-GPA-ZD101

The AI Parking Box is a dedicated terminal device mainly used for parking lot entrance and exit fee management. It can directly replace the original traditional ordinary computer (PC) fee collection system. The intelligent parking fee management terminal adopts a high-performance embedded system architecture and integrates a 4-port switching function. There is no need to add a switch in the middle of the standard parking lot management system with one entry and one exit. It has the advantages of reducing system costs, more stable system, and easier installation. It is more suitable for the industry development trend of unmanned parking lots. If there are more than three AI Parking boxes on site and considering the system's traffic efficiency, it is recommended to add a PC server as a database server.

Features

1. The dedicated embedded Linux operating system is more stable and reliable, completely replacing traditional ordinary computers and realizing truly offline charging.
2. It has its own network switching function and supports up to 4 network ports, making system installation and wiring more convenient, without the need for switches in the middle.
3. It adopts C/S+B/S architecture, and only four steps are needed to complete the parking lot configuration. The financial staff only needs to access the computer IE to view the report and recharge the monthly card.
4. A variety of charging standards can be configured arbitrarily (day and night, working days and non-working days, peak and non-peak, 24 hours, segmented charging, etc.).
5. Low power consumption, more power saving, and can also prevent security guards from surfing the Internet and playing games.
6. Supports up to 4 channels of 2 million high-definition video real-time playback.
7. Supports multiple parking spaces and multiple vehicles. If the parking space exceeds the limit, it can be flexibly configured to not allow entry or transfer to temporary vehicles. After the vehicle leaves the venue, the vehicle in the venue can automatically transfer to free vehicles.
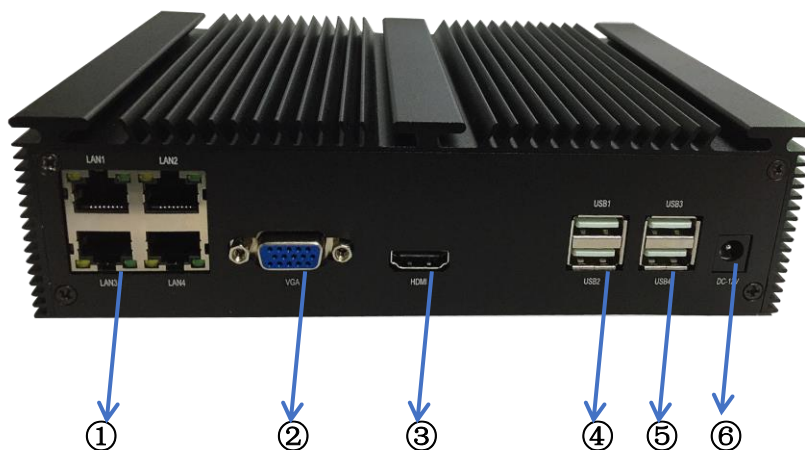
8. Supports the function of preventing vehicles from turning around and generating invalid records.

9. Supports anti-following function to prevent the rear vehicle from being unable to pass after the front vehicle closes the gate.

10. The embedded unique database protection mechanism perfectly solves the problem of database loss caused by accidental power failure of PC computers.

11. Supports remote gate opening and remote configuration by mobile phone or computer, without the need to run on-site for maintenance.

Product Pictures

1. Front View

1. Rear View

Remarks:

① **4-port 100M/1000M adaptive Ethernet ports with power supply**

② **VGA interface, connected to the monitor**

③ **HDMI interface, Connected to a HD LCD monitor**

④ **2 x USB3.0 interfaces**

⑤ **2 x USB3.0 interfaces**

⑥ **DC 12V power input interface, connected to the power adapter provided**

Technical Specification

Product Model	TD-GPA-ZD101
Working voltage	DC12V±10%
Rated power	10W
Working temperature	-30℃~70℃
Working humidity	≤95%(no condensation)
System configuration	Dual-core 1.5G high-speed 32-bit processor, 1G DDR3 memory
VGA interface	1080p@60fps one way
HDMI interface	1080p@60fps one way
USB interface	USB3.0 HOST four ways
Network interface	10M/100M adaptive 4 ways
System indicator	Red for device power, green for device working status, blue for device hard disk working status
Hard disk	128GB high temperature resistant solid state hard disk
Supported protocols	TCP/IP,HTTP,RTP,RTSP,FTP,HTTPS
Product size	198*128*58mm