PARKING MANAGEMENT SYSTEM
AI PARKING BOX PLUS
Model No.: TD-GPA-ZD201

AI Parking Box Plus is an enhanced version of the original AI Parking Box. It adopts a higher main chip solution and improves system performance by 100%. It is mainly used as a dedicated terminal device for parking entrance and exit fee management. It can directly replace the original traditional ordinary computer (PC) fee collection system. AI Packing Box Plus adopts a high-performance embedded system architecture and integrates 8 network port switching functions. There is no need to add switches in the middle of the standard parking management systems with two entries and two exits. It has the advantages of reducing system costs, more stable system, and easier installation. If there are more than three AI Parking boxes plus on site, 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, supporting up to 8 network ports, making system installation and wiring more convenient, without the need to add 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.
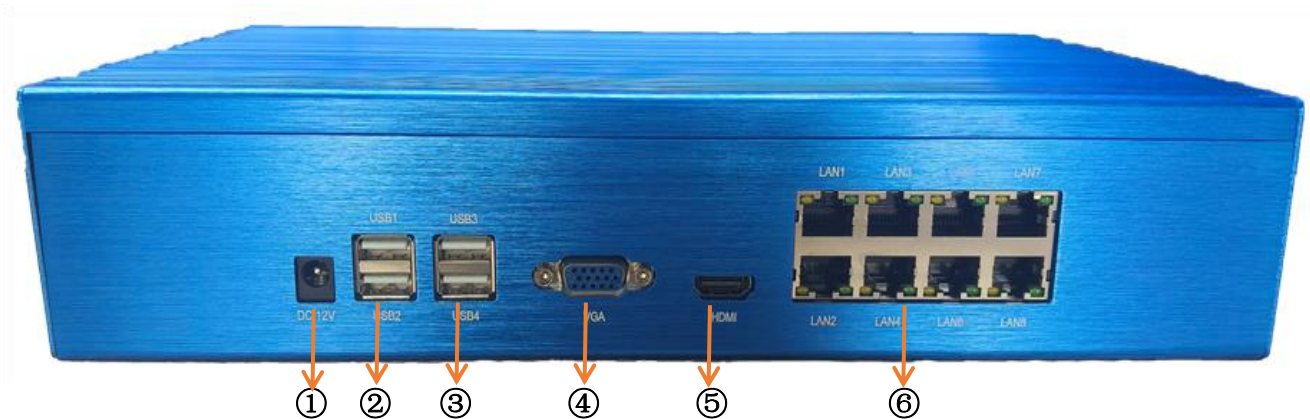
4. A variety of charging standards can be configured arbitrarily (day and night, working days and non-working days, peak and non-peak, 24 hours, segmented charging, etc.).

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 Real-time playback of high-definition video.

7. Supports multiple parking spaces and multiple vehicles. If the parking spaces are exceeded, the vehicle can be flexibly configured to not be allowed to enter or to be transferred to temporary vehicles. After the vehicle leaves the venue, the vehicle in the venue will automatically be transferred 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 the PC computer.

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

2. Rear View

Remarks:

① **DC 12V power input interface, connected to the power adapter provided**

② **2 x USB3.0 interfaces**

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④ **VGA interface, connected to the monitor**

⑤ **HDMI interface, Connected to a HD LCD monitor**

⑥ **8-port 100M/1000M adaptive Ethernet ports with power supply**

Product Information

Product Model	TD-GPA-ZD201
Working voltage	DC12V±10%
Rated power	20W
Working temperature	-30℃~70℃
Working humidity	≤95%(no condensation)
System configuration	Quad-core 1.4G high-speed 64-bit processor, 2.5T NPU computing power, 4G DDR4 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	310*195*65mm