

# iM2500

Multi-media Self-service  
RFID Time&Attendance



**iM2500** presently. It is a multi-media identification terminal, which were designed and produced based on the platform of multi-media ZEM500-the leading figure in biometric field. 8" TFT series products adopt SVGA(800\*600) high resolution TFT display, which can display individual graphic interface and vivid colorful users' photos. Built-in Intel 32-bit processor, adopted the latest ZKfinger VX9.0 high speed mixed engine identification algorithm, fully improved identification quality and terminal's operation efficiency, these series products could meet user's individual requirement such as proximity card, password and camera photos which can be combined randomly to identify. TCP/IP protocol and 10-100m high-speed network, which can make data transfer over network segment. Also they support attendance data real-time transfer by using stable network platform. Embedded advanced LINUX operation system (windows CE optional) could work consecutively for 24 hours with reliable and stable performance. The card capacity can hold up to 30000 cards and 100000 records. Memory can be distributed and extended dynamically. Every operation will be prompted with sound, and they could speak out the name and number of employees'. The particular function keys and navigation keys can be easily operated by users.

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## Technical Specification

Card Holder.....	30000 cards
Transaction Capacity.....	100000 records
Working Way.....	Offline
Identification Way.....	Card (EM Card), Password
Platform.....	ZEM500 (Embedded Linux OS)
Algorithm.....	ZKFinger VX9.0
Display.....	8 inch TFT touch color screen, fully interface display, all operation can be done on the touch screen directly
Resolution.....	800*600
Flash.....	Supports flash player
Schedule Bell.....	Can set schedule bell in different time period according to your requirement
MP4 Player.....	Supports many kinds of media player
SD Card.....	1G
Camera.....	1300000 pixels
Photo Display.....	The photo will be displayed after the corresponding verification
Keyboard.....	21 alphanumerical keys and 8 programmable function keys
Communication.....	RS232, RS485, TCP/IP, USB Host
Options.....	HID/iClass / Mifare card, WIFI, GPRS
Size.....	252(L)*231(W)*53(H)mm

### 8 inch TFT, fully interface display

65000 true color, 800\*600 resolutions, vivid color LCD. clearly interface image.

### High-efficiency proximity card identification

Developed and based on Linux platform, built in super EM card module. The card can be read untouchably in long distance

### TCP/IP network port, support network segment

Reliable TCP/IP design based on LINUX system; make the network segment and network connect in complex surroundings easily

### Support SD card (1G) downloading

User can download attendance record and upload self-defined background pictures.

### Embedded Backup Battery

Backup Battery is started using automatically after power failure, which can support 3 hours' normal work

### Voice Prompt Function

For distributors