

ZKSoftware

The Advanced Biometric Solution



iClock2500

Wide-Screen Multimedia
Self-Service Fingerprint T&A

iClock2500 series are multi-media identification terminals, which were designed and produced based on the platform of multi-media ZEM500—the leading figure in biometrics field. 8" TFT series products adopt SVGA(800*600) high resolution TFT display, can display individual graphic interface and true colorful users' photos. Built-in Intel 32-bit processor, adopted the latest ZKFinger VX9.0 high speed mixed engine fingerprint identification algorithm, fully improved identification quality and terminal's operation efficiency, these series products could meet user's individual requirement such as proximity card, fingerprint, password and camera photos which can be combined randomly to identify. TCP/IP protocol and 10~100m high-speed network, 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) can work consecutively for 24 hours with reliable and stable performance. Fingerprint capacity can hold up to 3,000 fingerprints and 100,000 records, while ID card module embedded. Memory can be distributed and extended dynamically. The particular function keys and navigation keys can be easily operated by users.

- Touch screen: all operations can be done on the touch screen directly
- Flash: support flash player
- MP4 player: support many kinds of media player
- SD card: 1G (can extend up to 2G)
- Multinational language: can switch freely with multi-language
- Multi-identify: support EM card, HID card, Mifare card identification
- Schedule bell: can set schedule bell in different time period according to your requirement
- ID Card: standard function, can store 30,000 card
- 12V internal UPS: UPS works automatically when power shutdown and extend



PRODUCT FEATURES



High-efficiency fingerprint identification algorithm



TCP/IP network port , support network segment



Support USB downloading



Schedule bell



Reliable and stable Linux net transfer



8 inch TFT color screen, fully interface display



8 SVGA TFT screen, standard touch screen

APPLICATION



Enterprise



Government



School



Gas Station



Finance



Hotel

PRODUCT SPECIFICATIONS

User Capacity	3000
Transaction Capacity	100000
ID Card Capacity	30000
Platform	ZEM500 (Embedded LINUX O/S)
CPU	32bit ZK6001 Microprocessor
Sensor	Anti-seismic ZK sensor
Resolution	500 dpi
Image Area	18mm*22mm
Allowable Finger Rotation	+/- 180degree
Identification	1:1 or 1:N
Verification Time	≤0.8sec
FAR	≤0.0001%
FRR	≤1%
Display	Advanced-TFT 8", Touch-Screen
Resolution	SVGA (800*600 pixels)
Keyboard	21 alphanumerical keys + 8 programmable function keys
Operation modes	FP, PIN, FP+PIN... (14 Multi-combination Authentication Modes)
I/O interface	RS232/485, TCP/IP, SD memory card slot (Standard 1G), USB Host & USB Client
Standard Function	Photo-ID, Flash Video Play, Short Message, Schedule Bell, T9 Input, Self-Service Query, 12V internal UPS
Option Function	HID/Mifare Card, WIFI, GPRS
Camera	1300000 pixels
Power	12V DC
Operating Temperature	0 °C - 45 °C
Operating Humidity	20%-80%
Size	252(L)*231(W)*53(H)mm

For distributors

