

ZK – iClock 2800

ZKSoftware
The Advanced Biometric Solution

Fingerprint Time Attendance & Access Control



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Product Introduction

iClock2800 is an innovative biometric fingerprint reader for Time & Attendance and access control applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. The iClock2800 features the fastest commercial-based fingerprint matching algorithm and ZK high-performance, high-image quality optical fingerprint sensor. The 8 inch TFT can display more information vividly, including user photo, fingerprint image quality and verification result etc. 8 function keys are the shortcuts to change the attendance status, work-code or to browse the short message, and can be defined as required. TCP/IP communication is standard and make sure the data transmission between terminal and PC can be easily done within several seconds. The camera can capture the image of the user. Backup battery can provide more than three hours power supply when power input fails down.

Quick Facts

- Color TFT screen with GUI Interface for ease of use.
- ZK Optical Sensor.
- High resolution camera
- Internal backup battery
- 1 touch a-second user recognition.
- Stores 8,000 templates and 200,000 transactions.
- Reads Fingerprint and/or PINs.
- Optional integrated proximity or smart card reader.
- Built-in Serial and Ethernet ports.
- Built-in USB port allows for manual data transfer when network isn't available
- Optional integrated Wi-Fi\ GPRS also available
- 8 user-defined function keys
- Multi Language Support
- Built in bell scheduling
- Real-time 1-touch data export 3rd party hosted & non-hosted applications
- Audio-Visual indications for acceptance and rejection of valid/invalid fingers
- SDK available for OEM customers and software developers.

Technical Specification	
Fingerprint Capacity	: 8000 templates
Transaction Capacity	: 200,000
Hardware Platform	: ZEM600
Sensor	: ZK Optical Sensor
Algorithm Version	: ZK Finger v10.0
Communication	: RS232/485, TCP/IP, USB-host
Camera	: 300,000 pixels camera
Standard Functions	: Work code, SMS, DLST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, ID card, Backup Battery, web-server, Anti-pass back, Multi-Identification mode
Access Control Interface for	: 3rd party electric lock, door sensor, exit button, alarm
Wiegand signal	: Input & Output
Optional Functions	: Mifare/HID/iClass,9 digit user ID, Wi-Fi, GPRS, Printer, SOAP
Display	: 8 inches TFT Screen
Power Supply	: 12V DC 1.5A
Operating Temperature	: 0° C - 45° C
Operating Humidity	: 20% - 80%
Dimension	: 314.5 X 256.5 X 79 mm
Weight With Package	: 3.65 kg

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