



iClock580

Multi-media Fingerprint Time
Attendance and Access Control Terminal



Introduction

iClock580 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 iClock580 features the fastest commercial-based fingerprint matching algorithm and ZK high-performance, high-image quality optical fingerprint sensor. The 3.5" 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 iClock580 has access control connectivity for Wiegand-in, Wiegand-out, Door lock connection, Alarm, Bell, Remote to Exit switch.

Features:

- . Color TFT screen with GUI Interface for ease of use.
- . ZK Optical Sensor
- . 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 also available.
- . Relay contacts for alarm, bell, lock, exit, switch, etc
- . 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

Configuration:



Specifications:

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-client, USB-host
Standard Functions	Workcode, SMS, DLST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, Anti-passback
Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm, Door Bell
Wiegand Signal	Input & Output
Optional Functions	ID/Mifare, Webserver, 9 digit user ID, Wi-Fi
Display	3.5 inches TFT Screen
Power Supply	12V DC 1.5A
Operating Temperature	0°C - 45°C
Operating Humidity	20%-80%
Dimension	189x136x44(50 with plate) mm
Gross Weight	1.30 kg

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