



iClock580

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 Weigand-in, Weigand-out, Door lock connection, Alarm, Bell, Remote to Exit switch.

Features:

Colour TFT screen with GUI Interface for ease of use.

ZK Optical Sensor

1 touch a-second user recognition

Stores up to 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

Specifications:

Fingerprint Capacity	Up to 8000 templates
Transaction Capacity	200,000
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Communication	RS232/485, TCP/IP, 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	3 rd 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

Connection Diagram:

