

# iClock3800

## Large Screen fingerprint time attendance



### Introduction:

iClock3800 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 HF 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.

### Features:

- Color TFT screen with GUI Interface for ease of use
- High resolution camera
- Built-in backup battery
- 1 touch a-second user recognition
- Reads Fingerprint, PINs or ID card
- Optional integrated smart card reader
- Optional integrated Wi-Fi GPRS also available.
- 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



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## Main Function:



## Specifications:

- Fingerprint Capacity: 8,000 templates
- Card Capacity: 10,000 pieces
- Transaction Capacity: 200,000
- Hardware Platform: ZEM600
- Sensor: HF Optical Sensor
- Algorithm Version: HF 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, 9 digit user ID, ADMS
- Access Control Interface for: 3rd party electric lock, door sensor, exit button, alarm, anti-pass back, multi-identification, group-identification(optional), door bell
- Wiegand signal: Input & Output
- Optional Functions: Mifare / HID, Wi-Fi, GPRS, Printer, 14 digit user ID
- Display: 8 inches TFT Screen
- Power Supply: 12V DC 3A
- Operating Temperature: 0 °C- 45 °C
- Operating Humidity: 20%-80%

## Connection Diagram:



## Applicable Industry:

