iClock680

Fingerprint Time & Attendance and Access Control Terminal

iClock 680 is a biometric fingerprint reader for time & attendance and access control applications. It adopts a brand new firmware and provides an unprecedented user experiences with stunning GUI, rock-solid stability, fast matching speed and expandability.

Users can easily manage data by networking iClock680 via RS232/485, TCP/IP. Most importantly, all the functions can still operate in a networking state. iClock680 is compatible with various types of USB flash disks, ADMS and former SDK. It also supports data backup and retrieve to avoid the risk of accidental deletion.

The iClock680 has access control interfaces for retrieval, Wiegand-out, door lock connection, alarm, and bell.

Features

Remarkable User Experience

- Intuitive and stunning UI designed with the most popular and internationalized factor.
- Interface operation adopts modularized hierarchical design. Simpler, Better and More logical.
- Faster matching speed: Less than 1 second.

Enhanced Features and Performance

- User validity settings.
- Data backup and retreival.
- Advanced User ID consisting of letters and numbers.

- Chip encryption for firmware protection.
- More flexible menu configuration: double line text display.
- External printer for attendance records output (Optional).
- Optional integrated Wi-Fi.
- Relay contacts for alarm, bell, lock, exit, switch, etc.

Excellent Expandability

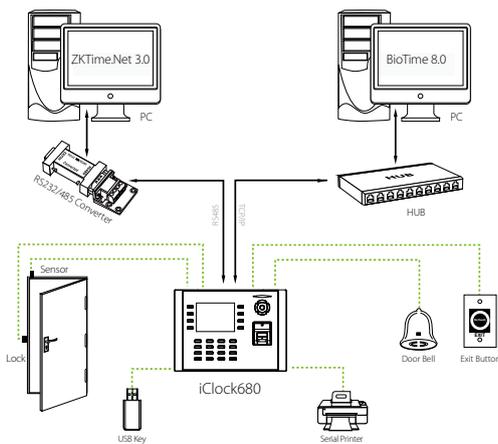- Easy to extend functions and customize customers demand.

Access Control Interfaces

- For Wiegand-in, Wiegand-out, door lock connection, alarm, and bell.

Specifications

Fingerprint Capacity	8000
Card Capacity	10,000 (Optional)
Record Capacity	200,000
Display	3.5-inch Screen
Communication	RS232/485, TCP/IP, USB host
Standard Functions	Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, photo-ID, 9 digit user ID, and 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/HID, Webserver, Wi-Fi,
Software	BioTime 8.0/ZKTime.Net 3.0
Power Supply	DC 12V 1.5A
Verification Speed	≤1 sec
Operating Temp.	0℃ - 45℃
Operating Humidity	20% - 80%
Dimension	205.6×150×41.6 mm (Length×Width×Thickness)
Gross Weight	1.40 kg

Configuration

ZKTime.Net 3.0 — PC
BioTime 8.0 — PC
RS232/485 Converter
HUB
Sensor
Lock
iClock680
USB Key
Serial Printer
Door Bell
Exit Button

What's in the Box

iClock680

Back Plate

Power Adapter

Lines for
Access Control Interface

Mounting Paper

Star-shape
Screw Driver