





## iClock680

Fingerprint Time Attendance & Access Control Terminal

iClock 680 is an biometric fingerprint reader for time attendance and access control applications. It adopts the brand new firmware and provides an unprecedented user experience. It brings many surprises, including the stunning GUI, rock-solid stability, fast matching speed and expandability.

Users can easily manage data by networking iClock680 via RS232/485, TCP/IP, and USB Host.

Most importantly, all the functions can still operate in a networking state. iClock680 is compatibility 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 0.5 second. Enhanced features and performance
- User validity settings.
- Data backup and retreival.
- Advanced User ID consisted 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\GPRS.
- Relay contacts for alarm, bell, lock, exit, switch, etc.

#### Excellent expandability

• lEasy to extend functions and customize customers demand.

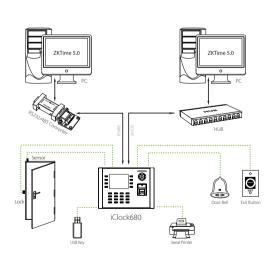
#### Access control interfaces

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

# Specifications

Fingerprint Capacity 20,000 (Optional)  Record Capacity 100,000  Display 3.5-inch Screen  RS232/485, TCP/IP, USB-host  Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  Access Control Interface for 3rd party electric lock, door sensor, exit button, alarm, and Door Bell  Wiegand Signal Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  Software ZKTime 5.0 (Free), ZKTime.Net  Power Supply DC 12V 3A  Verification Speed <0.5 sec  Operating Temp. 0°C - 45°C  Operating Humidity 20% - 80%  Dimension 205.6x150x41.6 mm (LengthxWidthxThickness)  Net Weight 1.40 kg		
Record Capacity Display 3.5-inch Screen  Communication RS232/485, TCP/IP, USB-host Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  Access Control Interface for Wiegand Signal Wiegand Signal Optional Functions Software EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS ZKTime 5.0 (Free), ZKTime.Net  Power Supply DC 12V 3A  Verification Speed Operating Temp. O°C - 45°C Operating Humidity 20% - 80% Dimension  1.00,000 Workland Anti-passback Anti-passback Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  Status Switch, T9 input, photo-ID, and Anti-passback  Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  ZKTime 5.0 (Free), ZKTime.Net  OC 12V 3A  40.5 sec  Operating Temp. O°C - 45°C  Operating Humidity 20% - 80%  Dimension  205.6×150×41.6 mm (Length×Width×Thickness)	Fingerprint Capacity	8000
Communication RS232/485, TCP/IP, USB-host Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback Access Control Interface for 3rd party electric lock, door sensor, exit button, alarm, and Door Bell Input & Output Optional Functions EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS Software Power Supply DC 12V 3A Verification Speed <0°C - 45°C Operating Temp. 0°C - 45°C Operating Humidity 20% - 80% Dimension 2.5-inch Screen RS232/485, TCP/IP, USB-host Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback Status Switch, T9 input, photo-ID, and Anti-passback Saft Switch, T9 input, photo-ID, and Anti-passback Status Switch, T9 input, photo-ID, and Input Switch Switch Switch Swi	ID Card Capacity	20,000 (Optional)
Communication  Standard Functions  Standard Functions  Standard Functions  Access Control Interface for Wiegand Signal Optional Functions  Software Power Supply Verification Speed Operating Temp.  Operating Humidity  Dimension  RS232/485, TCP/IP, USB-host  Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  3rd party electric lock, door sensor, exit button, alarm, and Door Bell Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  ZKTime 5.0 (Free), ZKTime.Net  DC 12V 3A  ≤0.5 sec  Operating Temp.  O°C - 45°C  20% - 80%  Dimension  Z05.6×150×41.6 mm (Length×Width×Thickness)	Record Capacity	100,000
Standard Functions  Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 input, photo-ID, and Anti-passback  Access Control Interface for 3rd party electric lock, door sensor, exit button, alarm, and Door Bell  Wiegand Signal Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  ZKTime 5.0 (Free), ZKTime.Net  DC 12V 3A  Verification Speed <ol> <li>Sec</li> <li>Operating Temp.</li> <li>O°C - 45°C</li> </ol> <li>Operating Humidity 20% - 80%  Dimension   Dimension   205.6×150×41.6 mm (Length×Width×Thickness)</li>	Display	3.5-inch Screen
Standard Functions  Status Switch, T9 input, photo-ID, and Anti-passback  Access Control Interface for 3rd party electric lock, door sensor, exit button, alarm, and Door Bell  Wiegand Signal Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  Software ZKTime 5.0 (Free), ZKTime.Net  Power Supply DC 12V 3A  Verification Speed ≤0.5 sec  Operating Temp. 0°C - 45°C  Operating Humidity 20% - 80%  Dimension 205.6×150×41.6 mm (Length×Width×Thickness)	Communication	RS232/485, TCP/IP, USB-host
Wiegand Signal Optional Functions EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  Software ZKTime 5.0 (Free), ZKTime.Net  DC 12V 3A  Verification Speed ✓0.5 sec  Operating Temp. O°C - 45°C  Operating Humidity 20% - 80%  Dimension  Dimension  Input & Output  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  ZKTime 5.0 (Free), ZKTime.Net  OC 12V 3A  Verification Speed ✓0.5 sec  Operating Temp. O°C - 45°C  Operating Humidity 20% - 80%	Standard Functions	
Optional Functions  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  Software  ZKTime 5.0 (Free), ZKTime.Net  Power Supply  DC 12V 3A  Verification Speed  Operating Temp.  O°C - 45°C  Operating Humidity  20% - 80%  Dimension  Dimension  EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS  ZKTime 5.0 (Free), ZKTime.Net  DC 12V 3A  Verification Speed  ≥0.5 sec  Operating Humidity  20% - 80%  Dimension	Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm, and Door Bell
Software ZKTime 5.0 (Free), ZKTime.Net  Power Supply DC 12V 3A  Verification Speed ≤0.5 sec  Operating Temp. 0°C - 45°C  Operating Humidity 20% - 80%  Dimension 205.6×150×41.6 mm (Length×Width×Thickness)	Wiegand Signal	Input & Output
Power Supply  Verification Speed  ≤0.5 sec  Operating Temp.  O°C - 45°C  Operating Humidity  20% - 80%  Dimension	Optional Functions	EM/Mifare/HID/iClass, Webserver, 9 digit user ID, Wi-Fi, and GPRS
Verification Speed       ≤0.5 sec         Operating Temp.       0°C - 45°C         Operating Humidity       20% - 80%         Dimension       205.6×150×41.6 mm (Length×Width×Thickness)	Software	ZKTime 5.0 (Free), ZKTime.Net
Operating Temp. 0°C - 45°C  Operating Humidity 20% - 80%  Dimension 205.6×150×41.6 mm (Length×Width×Thickness)	Power Supply	DC 12V 3A
Operating Humidity 20% - 80%  Dimension 205.6×150×41.6 mm (Length×Width×Thickness)	Verification Speed	≤0.5 sec
Dimension 205.6×150×41.6 mm (Length×Width×Thickness)	Operating Temp.	0°C - 45°C
	Operating Humidity	20% - 80%
Net Weight 1.40 kg	Dimension	205.6×150×41.6 mm (Length×Width×Thickness)
	Net Weight	1.40 kg

# Configuration



### What's in the Box

