

## iClock 580



### **iClock580 Biometric Time Attendance and Access Control Terminal with Color TFT Screen and additional function keys**

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.

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#### **Features**

- ▶ Audio-Visual indications for acceptance and rejection of valid/invalid fingers
- ▶ Real-time 1-touch data export to 3rd party hosted & non hosted applications
- ▶ Multi Language Support
- ▶ Built in bell scheduling
- ▶ 8 user-defined function keys
- ▶ Relay contacts for alarm, bell, lock, exit switch, etc

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#### **Intelligent Solutions**

**Address:** Suite #M-6, Mezanine Floor, Plot #10, Dada Garden, Sharafabad, Karachi.

**Contact:** 0321-8287590, 021-35426362. **Email:** marketing@intelysol.com

- ▶ Optional integrated Wifi also available.
- ▶ Built-in USB port allows for manual data transfer when network isn't available
- ▶ Built-in Serial, Wiegand in/out and Ethernet ports
- ▶ Optional integrated prox or smart card reader.
- ▶ Reads fingerprints and/or PINs
- ▶ Stores 1500 templates and 30,000 transactions
- ▶ 1-touch 1-second user recognition.
- ▶ Fingerprint reader with durable and highly accurate ZK optical sensor
- ▶ Color TFT screen with GUI Interface for ease of use.
- ▶ SDK available for OEM customers and software developers

## TECHNICAL SPECIFICATIONS

### Capacity

Templates:	1500
Transactions:	30000

### Verification/Identification

Matching:	1: N up to 1500 templates
Verification:	≤1 second
Identification:	≤2 seconds
FRR:	≤1%
FAR:	≤0.001%

### Display

LCD:	2.75 x 1.5 inch Graphic LCD Display
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### Environment

Oper. Temp:	32°F-105°F (0°-42°C)
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### Communication

Port:	RS 232/RS 480
Port:	Ethernet 10/100
Port:	USB Host and Client
Access Control:	26 bit Wiegand In/Out

### Power

Oper. Voltage:	12V DC
Ideal Current:	50 mA
Working Current:	400 mA
Relay Output:	3A/12V DC

### Dimensions

Length:	5.5 inches/140mm
Width:	6.3 inches/160mm
Depth:	1.7 inches/45mm

### Options

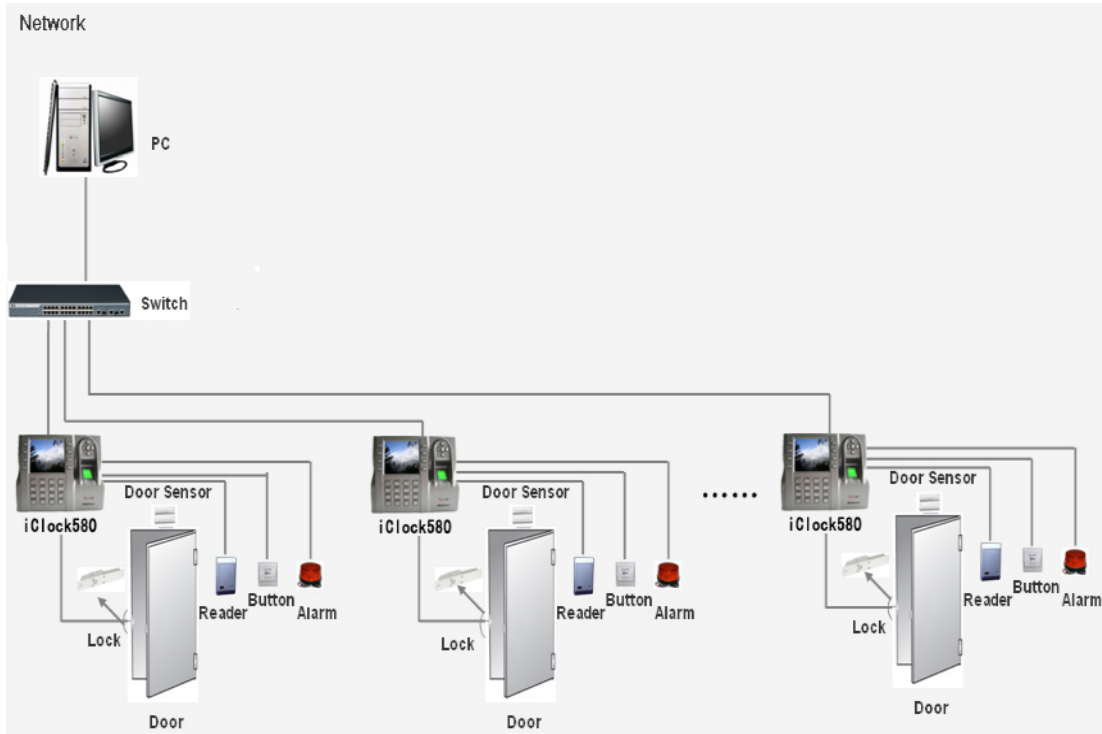
Proximity	Mifare
HID	Wi-Fi

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## Installation Diagram



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