

iClock680

Product Description

iClock-680 is a Time & Attendance and access control terminal with incorporated fingerprint sensor and 3'5 TFT display. Easy to install, and with a modern design, it is the perfect solution for all kinds of installations. It incorporates 1,3M pixels camera for taking user photos and sending black/white photos lists to the server. The color TFT display offers users easy menu management. It can connect to Time & Attendance management software by Ethernet or USB port (optionally it can work by Wifi and GPRS), and also operate on standalone mode, downloading data by USB pendrive. For access control, it allows time zones and groups and the relay can be connected to lock or external siren.



Functions

Standard



Optional



Features

- Color TFT screen with GUI Interface for ease of use
- Optical Sensor
- 1 touch a-second user recognition
- Stores 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\GPRS also available
- 8 user-defined function keys
- Relay contacts for alarm, bell, lock, exit, switch, etc
- Multi Language Support
- Built in bell scheduling
- Real-time 1-touch data export 3rd party hosted and non-hosted applications
- Audio-Visual indications for acceptance and rejection of valid/invalid fingers
- SDK available for OEM customers and software developers

iClock680 Specifications

Capacity

User Capacity	30,000
Templates	8,000
Log Capacity	200,000

Hardware

Platform	ZEM600
CPU	32bit Multi-Bio CPU 630MHZ
Memory	64M RAM, 256M Flash
Sensor	Optical Sensor
Camera	1.3M. Pixels Camera
Relay Contact	Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Display

Screen	TFT Screen 3.5 inch
LED Indicator	Red/Green

Environment

Oper. Temp	0°C - 45°C
Oper. Humidity	20%-80%

Power

Power	12V, DC 1.5A
-------	--------------

Communication

Comm. Port	RS232/485, TCP/IP, Ethernet, USB-Client
Pen Drive	USB-host
Wiegand	In & Out

Fingerprint Algorithm

Type	ZK Finger v9.0 and v10.0
Identification	<=2 seconds
Verification	<=1 second
FRR; FAR	< 1%; <=0.0001%

Languages

Available	All European Languages
Maximum	All Configured by Menu
Voices	Allowed. Standard M & F

Keypad

Type	Buttons keypad
Function Keys	8 defined by user
Events management	Up to 9,999 with Description

Dimensions

Dimensions	205.6x150x41.6 mm (L x W x D)
Weight	1.40Kg

Connectivity Diagram iClock680

