ZKSoftware ®
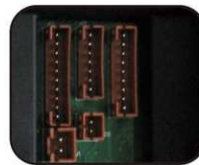Advanced Biometric and RFID Solutions

iClock700

Multi-media Fingerprint Time Attendance and Access Control

Introduction

Iclock 700 time attendance and access control adopts ZKSoftware latest ZEM600 platform with ZKFinger 10.0 fingerprint algorithm to improve identification speed. It can manage 10000 templates within 1.5 second (I: N identification). Iclock 700 features ZK's high performance, high image quality optical fingerprint sensor. The patented optical sensor is resistant to scratches, impact, vibration and electrostatic Shock.

Because of the common development platform, existing customer will be able to use iclock 700 and co-exist with any existing ZK readers without re-enrolling the users. The iclock 700 can be used in multi factor authentication that supports fingerprint, password, Proximity and Smart card. It also has an option for Wi-Fi and GPRS connectivity.

The iclock 700 has camera and 3.5" color TFT-LCD display, so it can display the individual graphical interfaces and personnel color photos. It comes standard with TCP/IP, RS-232/485, USB-host, USB-client, 8 functions keys, T9 input method, backup battery and has access control connectivity for Wigand-in, Wigand-out, Door lock connection, Alarm, Bell, Remote to Exit switch.

Features:

* Multimedia

3.5" TFT screen support different Multimedia formats. Internal Camera and Photo-ID support the user's photo display and make T&A application more visible and reliable.

* Time & Attendance

Built-in backup battery protects data.
Storage Capacity: Store up to 8,000 templates (1: N) and 200,000 records.
More practical functions such as SMS, T9 input, Work-code enable user-friendly.
Offer a wide selection in authentication mode and easy security system upgrade with combination of fingerprint, password and ID/MIFARE/HID card.

*Access Control

Monitor employee's movement at any time. Provide extra security with 50 time zone, user grouping, and professional unlocking combination function, easy integration with door lock system.

*Communications

Versatile interface options including RS232/485, TCP/IP, USB Host, USB Client, Optional WIFI and GPRS;

Configuration:

Specifications:

Fingerprint Capacity	8000 templates
Transaction Capacity	200,000
Hardware Platform	ZEM600
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Communication	RS232/485, TCP/IP, USB-client, USB-host
Standard Functions	Workcode,SMS,DLST,Scheduled-bell,Self-Service Query, Automatic Status Switch, T9 input, photo-ID, Web server, Camera, built-in battery
Access Control Interface for	Lock, door sensor, exit button, alarm, Door Bell, Anti-pass back
Wiegand Signal	Input & Output
Optional Functions	ID/Mifare/HID,printer,soap, WIFI,GPRS,RIS
Display	3.5 inches TFT Screen
Power Supply	12V DC 3A
Operating Temperature	0℃- 45℃
Operating Humidity	20%-80%
Dimension	225x165.5x50 mm H*W*D

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