



## iClock700

### Product Description

iClock700 is a Time & Attendance and access control terminal with incorporated ZK fingerprint sensor, 3.5" TFT display and internal backup battery. Easy to install, and with a modern design, it is the perfect solution for all kinds of installations. It incorporates a 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, and a protective fingerprint cover ensures safe handling of our new state of the art Biokey10 algorithm fingerprint sensor. iClock700 is based on ZEM600 platform which allows more memory capacity and professional firmware functions. It can connect to T&A management software by Ethernet or USB port (optionally it can work with Wi-Fi and GPRS), and also operates 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.



#### Standard function



#### Optional function



## Features

- ✓ Time & Attendance and access control device
- ✓ Incorporates ZK fingerprint sensor and optionally RFID reader
- ✓ Stores up to 30.000 users and 8.000 fingerprint templates.
- ✓ Stores up to 200.000 log records without PC download.
- ✓ Camera 300.000 pixels
- ✓ Allows communication with PC through Ethernet and USB port
- ✓ Optionally, allows Wi-Fi and GPRS communications
- ✓ Events management (doctor, personal issues, etc...)
- ✓ Time zones, groups and holidays management for access control
- ✓ All European languages (standard texts and voices) included
- ✓ Audio voices (male or female) and text configured by menu
- ✓ Professional firmware with advanced functions as :
  - Photo ID (shows the user photo) and black/white photos lists management.
  - Smart mode (automatic Check-In and check-Out).
  - Real-Time (log records communication to server).
  - Background image (set company logo or brand)
  - Advanced log query management
  - Complete events management
  - Mifare technology configured by menu (Key A/B)
  - USB download records (format and data defined by user)
- ✓ Professional SDK (advanced functions)



## Specifications

### Capacity

User capacity	30.000
Templates	8.000
Transaction	200000

### Hardware

Platform	Zem600
CPU	32bit Multiblo Microprocessor 630MHz
Memory	64M RAM, 256M Flash
Sensor	ZK Optical Sensor
Camera	1,3 M.pixels camera
Relay Contact	electric lock, door sensor, exit button, alarm, Door Bell

### Display

LCD	TFT Screen 3'5 Inch
LED indicator	Red and Green

### Environment

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

### Power

Power	12V, DC, 1,5A
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### Communication

Comm. Port	Ethernet, USB-Client
Pen Drive	USB-Host
Wiegand	in&Out

### Fingerprint Algorithm

Type	ZK Finger 9.0 an 10.0
Identification	<= 2 seconds
Verification	<= 1 second
FRR	< 1%
FAR	<= 0.0001%

### Dimensions

Dimensions	225x165.5x50mm (H x W x D)
Weight	1.4kg

### Firmware

O.S	Linux
Applications	T&A and AC
SDK	Professional SDK

### Languages

Available	All European languages
Maximum	AI configured by menu
Voices	Allowed. Standard male and female

### Keypad

Type	buttons keypad
Fuction Keys	8 defined by user
Events Management	Up to 9999 with description

## Connectivity diagram

