



iClock-S680

Product Description

iClock-S680 is a Time & Attendance and access control terminal with incorporated EM proximity card reader and 3.5" TFT display. Easy to install, and with a modern design, it is the perfect solution for all kinds of installations. The color TFT display offers users easy menu management. iClock-S680 is based on ZEM600 platform which allows more memory capacity and professional firmware functions and is also available as standard with Windows CE OS. 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.



Standard functions



Optional functions



Features

- ✓ Time & Attendance and access control device
- ✓ Incorporates RFID EM proximity reader and optionally Mifare, HID, etc...
- ✓ Stores up to 30000 users and 200000 log records without PC download.
- ✓ Available in Linux and Windows CE (for developers) operating systems
- ✓ Allows communication with PC through Ethernet and USB port
- ✓ Allows Wifi 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 such as :
 - Photo ID (shows the user photo).
 - Smartmode (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
Transactions	200.000

Hardware

Platform	ZEM600
CPU	32bit MultiBio Microprocessor 630MHz
Memory	64M RAM, 256M Flash
Proximity	EM Module
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

Proximity Module

Type	EM card
Identification	<=1 sec

Languages

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

Keypad

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

Dimensions

Dimensions	140x160x45mm (L x W x D))
Weight	1.40Kg

Firmware

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

Connectivity diagram

