SAFECOM®

H3

Product Description

H3 is a USB Time & Attendance terminal with incorporated ZK fingerprint sensor and optional RFID module. The B&W display offers users easy menu management. Based on ZEM500 platform it allows high memory capacity and professional firmware functions. It can connect to Time & Attendance management software by standars USB communication to PC – plug and play. Easy to install, and with a modern desktop design, it is the perfect solution for simple installations in the retail sector, such as shops and small businesses.

Standard functions

| T&A | +− | | USB COM | ZEM 500 | FIRM EST | | .WAV | SDK | |

Optional functions

| EM RFID | MF RFID | HID RFID | |

Features

✓ Time and Attendance device

✓ Incorporates high precision ZK Sensor for registering 10 fingerprints per user.

✓ Optionally can be installed with proximity reader EM, Mifare, HID, etc..

✓ Stores up to 10.000 users and 500 fingerprint templates.

✓ Stores up to 30.000 log records without PC download.

✓ Allows communication with PC through USB port

✓ It has internal battery by default which allow 3 hours without power supply

✓ Multi-language in text and audio

Specifications

Capacity

Fingerprint Capacity	500
Logs Capacity	30.000

Hardware

Platform	ZEM10
CPU	32bit ZK6001 Microprocessor 350MHz
Sensor	ZK Optical Sensor
Memory	8M RAM, 32M Flash

Display

LCD	Black & white LCD
LED Indicator	Green / Red

Environment

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

Power

Power	DC 5V 800mA
Battery	1300 mAh lithiumion battery

Communication

Comm. Port	USB-Client

Fingerprint Algorithm

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

Languages

Available	All European languages
Maximum	7
Voices	Allowed

Keypad

Type	Standard keypad 3x4
Function Keys	5

Dimensions

Dimensions	158x124x110mm (L x W x D)
Weight	1.17 Kg

Firmware

O.S	Linux
Applications	T&A
SDK	Standard SDK

Connectivity diagram

USB port Communication

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