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 | +− battery | fingerprint | USB COM | ZEM 500 | FIRM EST | EU | .WAV | SDK | Linux

Optional functions

EM RFID | MF RFID | HID RFID | tools

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

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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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