# SenseFP M1

Time & Attendance Terminal With Fingerprint Authentication
High Performance and Great Value

RFID Fingerprint Wi-Fi

Compatible with ZKBio Zlink




## Introduction

SenseFP M1 is a time and attendance terminal which simplifies attendance solutions It is aimed at small and medium-sized businesses (SMEs) that want to manage their workforce reliably and affordably.

SenseFP M1 offers flexible authentication options, such as fingerprint authentication, RFID card verification and password entry to suit different workplace preferences. The terminal adopts the ZK optical fingerprint algorithm, enabling fast fingerprint authentication less than 1.5 seconds.

What makes SenseFP M1 stands out is that the terminal can connect to Wi-Fi and integrate with ZKBio Zlink. This lets users manage employees and equipment, set attendance rules and check real-time attendance reports on their desktop or mobile device.

## Features

- Intuitive user interface with a 2.8 inch TFT color LCD display and 16 physical buttons.
- Multiple Authentication Methods: Fingerprint (ZKFingerprint V13.0 algorithm) / RFID card / Password.
- Supports up to 500 users' capacity with 500 fingerprint templates and 500 RFID card capacity.
- Available RFID Modules:125 kHz ID Card (standard) / 13.56 MHz IC Card (optional).
- Connect to Wi-Fi (IEEE802.11b/g/n) @ 2.4 GHz).
- Support Online Firmware Upgrade.
- Compatible with ZKBio Zlink.

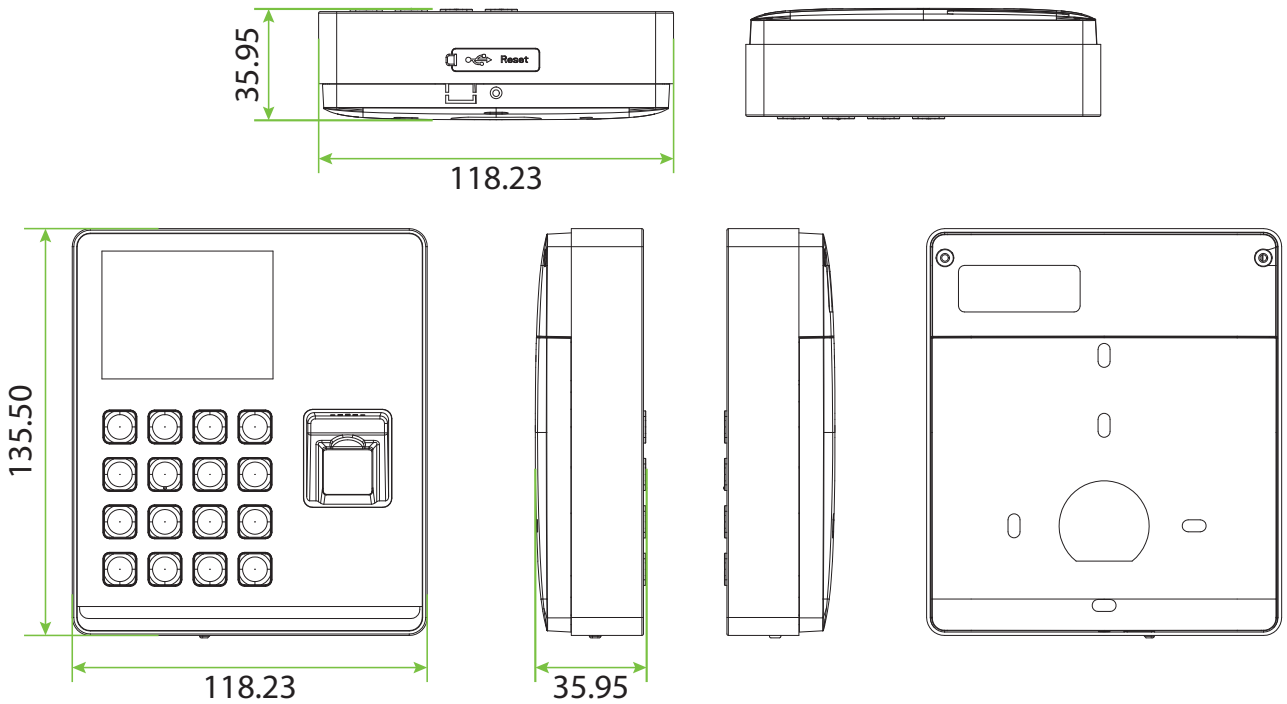
## Specifications

| | |
|---|---|
| Model | SenseFP M1 |
| Display | 2.8"@ TFT Color LCD Screen (320*240) |
| Operation System | Linux |
| Hardware | RAM: 8MB; ROM: 16MB<br>Speaker: 8ohm @1W<br>Physical Keypad: 16 Keys<br>Fingerprint Sensor: ZK Optical Sensor<br>Casing Color: Black and White |
| Authentication method | Fingerprint / Card / Password (Physical Keypad) |
| Fingerprint Template Capacity | 500 (1:N) (Standard) |
| Card Capacity | 500 (1:N) (Standard) |
| User Capacity | 500 (1:N) (Standard) |
| Transaction Capacity | 100,000 (1:N) (Standard) |
| Max. User Password Length | 6 Digits |
| Biometric Authentication Speed | less than 1.5 sec (Fingerprint) |
| False Acceptance Rate (FAR) % | FAR < 0.0001% (Fingerprint) |
| False Rejection Rate (FRR) % | FRR <0.1%(Fingerprint) |
| Biometric Algorithm | ZKFingerprint V13.0 |
| Card Type | ID Card@125 kHz (Standard)<br>IC Card@13.56 MHz (Optional) |
| Communication | Wi-Fi (IEEE802.11b/g/n) @ 2.4 GHz<br>USB: Type A*1 (to import data for a firmware upgrade only) |
| Standard Functions | DST, Up to 14-digit User ID, Record Query, Automatic Status Switch, Multiple Authentication Methods, T9 Keyboard (Input), Online Firmware Upgrade |
| Optional Functions | IC Card |
| Power Supply | DC 5V 2A |
| Operating Temperature | 0°C to 45°C |
| Operating Humidity | 20% to 80% RH (Non-condensing) |
| Dimensions | 135.5 mm*118.23 mm*35.95 mm (L*W*H) |
| Gross Weight | 0.245 Kg |
| Net Weight | 0.485 Kg |
| Supported Software | Mobile App.: ZKBio Zlink<br>Cloud-based Software: ZKBio Zlink |
| Installation | Wall-mount (Compatible with Asian Gang-box / Single Gang-Box) |
| Certifications | ISO14001, ISO9001, CE, FCC, RoHS |

# Configuration




# Dimensions (mm)






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