



## IN01-A

### Product Description

IN01-A is an innovative biometric fingerprint reader for time attendance and access control applications. Built-in 2000 mAh backup battery can eliminate power-failure problems. The IN01-A supports optional GPRS and Wi-Fi and features the fastest commercial-based fingerprint matching algorithm and ZK high-performance, high-image quality optical fingerprint sensor. The 3" TFT can display more information vividly, including fingerprint image quality and verification result etc. TCP/IP communication is standard and makes sure the data transmission terminal and PC can be easily done within several seconds.



#### Standard function



#### Optional function



## Features

- ✓ 3" Color TFT screen with GUI Interface
- ✓ ZK Fingerprint Sensor
- ✓ Reads Fingerprint and/or Card
- ✓ Optional integrated smart card reader
- ✓ Built-in Serial and Ethernet ports
- ✓ Multi Language Support
- ✓ Built-in battery backup provides approx. 4 hours continuous operation
- ✓ Optional built-in wireless Wi-Fi or GPRS for wireless communication
- ✓ Real-time 1-touch data export 3rd party hosted & non-hosted applications
- ✓ SDK available for OEM customers and software developers



## Specifications

### Capacity

Fingerprint Capacity	3000
Transaction Capacity	100000

### Hardware

Platform	ZEM510
Sensor	ZK Optical Sensor
Access Control Interface for	Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

### Display

Display	3" TFT Screen
---------	---------------

### Environment

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

### Power

Power	12V, DC 3A
-------	------------

### Communication

Comm. Port	TCP/IP, RS232-485
Wiegand	Input & Output

### Fingerprint Algorithm

Type	ZK Finger v10.0 and 9.0.
Identification	<=2 seconds
Verification	< 1second
FRR	< 1%
FAR	<= 0.0001%

### Dimensions

Dimensions	210x157x50mm (L x W x D)
Weight	0.58kg

### Firmware

O.S	Linux
Applications	AC
SDK	Standard SDK

## Connectivity diagram

