ZKSoftware®
Advanced Biometric and RFID Solutions

L4000
Intelligent Fingerprint Lock
with OLED Display and USB Interface

Introduction

The fingerprint lock offers state-of-the-art single door management solution that provides you with unmatched options that comes with OLED, Standard USB interface. You can verify a person and open the door with fingerprint, password and ID/Mifare cards. The All-in-one fingerprint lock is very convenient to operate.

Enrollment and management of users are done on the OLED display. There are three user levels available to manage the system effectively - administrator, supervisor and user. An administrator or supervisor can do add, delete or change users very easily at the lock.

The USB Port for data transmission is the main feature of the lock which makes it easy to download user transactions from the lock – Professional and Intelligent.

Features:

■ MULTI-FACTOR IDENTIFICATION METHODS

Supports four identification mode which includes - fingerprint, password, RFID card and mechanical key or any combination.

■ RUGGED SENSOR TECHNOLOGY

Non-coating optical fingerprint sensor and cutting edge fingerprint matching technology.

■ VERSATILE APPLICATION AND RELIABLE MECHANISM

Strong stainless steel bar latch - suitable both for the main entrances as well as other doors.

Keep visitor mode in Unlock-status if it is activated.

■ ROBUST MECHANICAL STRUCTURE

Pure stainless steel mechanical rotating structure with nanotechnology, which makes it last for many years under normal usage.

■ EASY INSTALLATION AND OPERATION

No wiring required – Standalone installation. Data transfer to and from PC can be done using USB flash disk. User registration and various settings can be done directly at the lock using OLED display.

■ EXTENDED BATTERY LIFETIME

Lock is powered by four standard alkaline 1.5 V batteries which can last up to 5,000 unlocking activities. The OLED display will show the status of the batteries power level.

Configuration:

USB upload

USB download

USB Interface for Data Transmission

Specifications:

Model	L4000
Material	Zinc Alloy
Front Panel Colors	Black /Blue/white/Polishing
Display	OLED
Fingerprint Sensor	ZK Optical Sensor
Resolution	500 dpi
Storage	
• Fingerprint templates	500
• Password	100
• Event capacity	30,000
Enrollment & Verification	
• Methods	Fingerprint (1:1, 1:N), Password & Card
• FAR	< 0.0001%
• FRR	< 1%
• Lenght of password	6~10 digit
Card Technology	
• Proximity: 125KHz	optional
• Mifare: 13.56MHz	optional
Communication Model	
• Method	USB flash disk
Operating Enviroment	
• Temperature	0°C ~ 45°C
• Humidity	20% ~ 80 %
• Power input	4 x 1.5V AA Battery
• Low battery warning voltage	< 4.8V
Backup Unlock Mechanism	Emergency battery & Mechanical key
Product Dimension (L X W X H)	315*78*38mm