ZK – L4000

Biometric Door Lock

ZKSoftware
The Advanced Biometric Solution

AVI INFOSYS LLC
AUTHORISED ZKSOFTWARE
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Product 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.

Quick Facts :

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.

Technical Specification

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%
Length of password	:	6 - 10 digit
Card Technology		
Proximity: 125KHz	:	Optional
Mifare: 13.56MHz	:	Optional
Communication Model		
Method	:	USB flash disk
Operating Environment		
Temperature	:	0°C - 45°C
Humidity	:	20 % - 80%
Power input	:	4 x 1.5V AA Battery
Low battery warning voltage	:	< 4.8V
ckup Unlock Mechanism	:	Emergency battery & Mechanical key
Product Dimension (L x W x H)	:	315 X 78 X 38 mm