



LA2000

Fingerprint Standalone Access Control with Lumidigm Sensor



Introduction

One touch, that's all it takes to register access control with ZK Software's LA2000 biometric reader using multispectral sensor technology. LA2000 produces high-quality images every time, in almost all conditions. Everyone can be enrolled. Everyone can be verified. ZK's fastest fingerprint-matching algorithm and multispectral sensor technology maintains its performance in almost any environment. The sensor technology can capture fingerprints in any weather condition like rain, snow, cold, dry, dusty or hot. High-quality images are captured by multispectral sensor even when fingerprint ridges are hard to distinguish due to genetics, age, dirt, finger placement or environmental conditions. LA2000 can easily enroll and verify ALL people – including that 2-5% of the population with "problem fingerprints" that thwart conventional sensors. LA2000 greatly reduces management hassles along with end-user frustration. Multispectral sensors protect against fake and spoof fingerprints by capturing detailed surface and deep tissue data. Using the biometric industry's best spoof detection technology, we provide the most secure and accurate reader available.

Features:

- * Lumidigm Venus Sensor provide high performance image and spoof detection function
- * 1-touch 1-second employee recognition
- * Capacity to store 2200 template and 50000 transactions
- * No need to enter PINs
- * Supports 50 time zones, 5 groups and 10 unlock combinations
- * Tamper-proofs switch and alarm outputs
- * Request-to-exit and alarm contacts
- * Operates stand-alone without a computer
- * TCP/IP, serial and Wiegand interfaces
- * Real-time 1-touch data export to 3rd party hosted & non-hosted applications
- * Audio-Visual indications for acceptance & rejection of valid and invalid fingerprints
- * SDK available for OEM customers and software developers

Configuration:



Specifications:

Fingerprint Capacity	2,200 templates
Transaction Capacity	50,000
Hardware Platform	ZEM500
Sensor	Lumidigm Venus Sensor
Algorithm Version	ZK Finger v9.0
Communication	RS232/485, TCP/IP, USB-host
Access Control Interface for	3 rd party electric lock, door sensor, exit button, alarm, Door Bell
Standard Functions	SMS,DLST, Webserver, Workcode, Anti-passback
Optional Functions	ID, Mifare, HID, Scheduled-Bell, 9 digit user ID, Self-Service Query, Automatic Status Switch, Soap, printer
Wiegand Signal	Input & Output
Index of Protection	IP64
Display	B&W LCD Screen
Power Supply	12V DC
Operating Temperature	0 °C- 45 °C
Operating Humidity	20%-80%
Dimension(W*H*D)mm	107.4*229*101.1
Gross Weight	1.56kg

ZKSoftware Inc.

ZK Mansion,Wuhe Rd,Gangtou,Bantian,Buji Town,Longgang District,Shenzhen China 518129
Tel:86-755-8960 2345/46/47/48 Fax:86-755-8960 2675 www.zksoftware.com

