ZKSoftware®
Advanced Biometric and RFID Solutions

LA2000-Mercury

Fingerprint Standalone Access Control with Lumidigm Mercury Sensor

Introduction

One touch, that's all it takes to register access control with ZK Software's LA2000-Mercury biometric reader using multispectral sensor technology. LA2000-Mercury 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-Mercury can easily enroll and verify ALL people – including that 2-5% of the population with "problem fingerprints" that thwart conventional sensors. LA2000-Mercury greatly reduces management hassles along with end-user frustration. Using the biometric industry's best spoof detection technology, we provide the most secure and accurate reader available.

Features:

- Lumdigm Mercury Sensor provide high performance image and spoof detection function
- 1-touch 1-second employee recognition
- Capacity to store 8000 template and 200000 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	8000 templates
Transaction Capacity	200,000
Hardware Platform	ZEM600
Sensor	Lumidigm Mercury Sensor
Algorithm Version	ZK Finger v10.0 default, ZK Finger v9.0 selectable
Communication	RS232/485, TCP/IP, USB-host
Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm, Door Bell
Wiegand Signal	Input & Output
Standard function	SMS, DLST, workcode, Anti-passback
Display	B&W LCD Screen
Power Supply	12V DC
Operating Temperature	0 ℃- 45 ℃
Operating Humidity	20%-80%
Dimension(W*H*D)mm	107.4*229*101.1
Gross Weight	1.56kg

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