



LA2000 - FINGERPRINT ACCESS CONTROL READER

PERFECT VERIFICATION USING LUMIDIGM®
MULTISPECTRAL IMAGE SENSOR – ALMOST
EVERYONE CAN BE ENROLLED AND VERIFIED.

Touch of precision

1-touch employee recognition. 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 all conditions. **Almost everyone can be enrolled and verified.**

Reliability

ZK's fastest fingerprint-matching algorithm and multispectral sensor technology maintains its performance in any environment; **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.

Spoof detection

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.

Options

Installation options offer the flexibility to use the reader standalone or with any third party panel that supports 26-bit or custom Wiegand. Performance, reliability and affordability give LA2000 the competitive edge. Other features offered include internal generic Prox, Mifare or HID card reader, connection for external card reader, and USB port for off-line access.

Put the power of innovation to work for you!

ZK Software – your single source for superior, affordable, and reliable biometric and RFID readers.

ZKSoftware
Advanced Biometric Solutions

Biometric Features & Specifications

Features:

- Perfect verification using Lumidigm® multispectral image sensor
- Industries best spoof detection technology
- Almost everyone can be enrolled and verified
- Works in any environment – rain, snow, cold, dry, dusty or hot
- 1-touch employee recognition
- No need to enter PINs
- Weigand protocol
- Compatible with other access control system using the Weigand protocol
- Template storage of 1500/5000
- Supports 50 time zones, 5 groups and 10 unlock combinations
- Tamper proof switch and alarm outputs
- Request-to-exit and alarm contacts
- Operates stand-alone without a computer
- Audio-Visual indications for acceptance & rejection of valid and invalid fingerprints
- SDK available for OEM customers and software developers

Standalone Configuration



Ordering information:

Model No.	Details
LA2000	LA2000 Fingerprint Reader
LA2000-ID:	LA2000 Fingerprint with integrated 125Khz Proximity reader
LA2000-HID:	LA2000 Fingerprint with integrated 125Khz HID Proximity reader
LA2000-MF:	LA2000 Fingerprint with integrated 13.5Mhz Mifare smart card reader

Technical Specifications:

Capacity

- Templates: 1500 expandable to 5000
- Transactions: 30000

Display

- 4 lines 16 character backlit LCD Display

Verification/Identification

- Verification mode: 1:N up to 1500 templates
- or 1:1 up to 5000 templates
- Verification time: 1.5 seconds
- Identification time: ≤ 3 seconds
- FRR: ≤ 1%
- FAR: ≤ 0.001%

Dimensions

- Length: 8.9 inches/226mm
- Width: 4.0 inches /101mm
- Depth: 4.33 inches/110mm

Communication

- RS 232/RS 485
- Ethernet 10/100
- 26/34/37 bit Wiegand output
- Wiegand Input port

Environment

- Operating Temp. 32°-105° F (0°-42°C)

Power

- 12V DC
- Idle current: 500mA,
- Operating current: 800mA
- Relay Output: 12V DC, 2A

ZKSoftware
Advanced Biometric Solutions

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