



LA-2000

Product Description

LA-2000 is a cutting edge access control and T&A terminal incorporated with the most advanced sensor in the world - Lumidigm Venus multispectral sensor. One touch, that's all it takes – the 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. Multispectral sensors protect against fake and spoof fingerprints by capturing detailed surface and deep tissue data. For access control, it allows time zones and groups and the relay can be connected to lock or external siren. LA2000 can connect to Time & Attendance management software by Ethernet or USB port but can also operate on standalone mode, downloading data by USB pendrive. Using the biometric industry's most advanced fingerprint technology, it is one of the most secure and accurate access control terminals on the market today.



Standard functions



Optional functions



Features

- ✓ Time & Attendance and access control device
- ✓ Incorporates Lumidigm Venus Sensor which takes the picture inside the skin.
- ✓ Best solution to use in factories where the employs can have damaged fingers
- ✓ Optionally can be installed with proximity reader EM, Mifare, HID, etc..
- ✓ Stores up to 30.000 users and 2.200 fingerprint templates.
- ✓ Stores up to 50.000 log records without PC download.
- ✓ Allows communication with PC through Ethernet and RS232/485
- ✓ Time zones, groups and holidays management for access control
- ✓ Events management (doctor, personal issues, etc...)
- ✓ Multi-language in text and audio



Specifications

Capacity

Fingerprint Capacity 2200
Logs Capacity 50000

Hardware

Platform ZEM500
CPU 32bit ZK6001 Microprocessor 400MHz
Memory 8M RAM, 32M Flash
Sensor Lumidigm Venus Sensor
Relay contact electric lock, door sensor, exit button, alarm, Door Bell

Display

LCD B&W (4x4)
LED Indicator Green / Red

Environment

Oper. Temp 0°-45°C
Oper. Humidity 20%-80%

Power

Power 12V, DC 3A

Communication

Comm. Port Ethernet, RS232/485
Pen drive USB Host
Wiegand In&Out

Fingerprint Algorithm

Identification <=2 seconds
Verification <=1second
FRR < 1%
FAR <=0.0001%

Languages

Available All European languages
Maximum 3
Voices Allowed

Keypad

Type Standard Keypad 4x4
Function Keys 4

Dimensions

Dimensions 107.4x229x101.1mm (L x W x D)
Weight 1.46kg

Firmware

O.S Linux
Applications T&A, AC (groups and TZ)
SDK Standard SDK

Connectivity diagram

