

BIOMETRICS AND ACCESSORIES FOR SECURITY



ACCESS CONTROL SOLUTIONS



Biometric access control is an identification system based on the physiological qualities of the user, but can also be based on the behavior of the user. It is a personal and non-transferable system. Within biometrics as an access system, we can differentiate several types of recognition: identification by fingerprint, facial, ocular or vascular, among others.

Among the types of biometric identification systems currently in existence, the most popular method is undoubtedly, access control by fingerprint. It is a method of identification enforced since 1883. The recognition of a user's fingerprint is considered one of the most reliable systems on the market, therefore, it is the most developed among the biometric access control systems. In addition to the safety and precision it provides, it is the simplest, most effective and most economical recognition of all

How will **BIOMETRICS** help your **SECURITY?**



✓ It offers a higher level of security to the facilities. Biometric access control is considered the safest system, since it is based on the user's unique qualities. The fingerprint is a non-transferable and unrepeatable characteristic in each person.

✓ Reduce maintenance costs Once the system installation is complete, the biometric fingerprint access control has less maintenance costs, compared with other identification systems.

✓ The fingerprint reader does not require other additional devices to open the door. With a biometric access control system, such as a fingerprint, the user does not need to use traditional keys, cards, or switches. Being based on the recognition of the unique characteristic of the person, dispenses with physical identification elements, so there is no risk of losing the keys.

Fingerprint Readers



VIS-3015



- Metal shell, Simple & fashion design, using biometric fingerprint recognition to open the door, secure and reliable.
- Adopt the dark background fingerprint imaging technique, with stronger adaptability.
- Fingerprints capacity:1000, suitable for office, villa, household etc. • Multi-usage, all kinds of functions integrated to one, controller & reader, operation is very simple.
- Touch the luminous button unlock the function of fingerprint; manually or automatically enter a dormant state.
- Infrared remote control and administrator's fingerprint to add or delete users.
- Wiring is very simple, can be done by user without professional knowledge. • Effective fingerprint can be transformed into machine number and ID number, and output virtual card number.
- It can be used with all kinds of controller.
- It can be used with all kinds of electric lock, no need to change external the wiring.
- Anti tamper alarm function.



All-In-One
Solution

VIS-3013

A well-built, durable device, with complete software integration, with time and attendance function and reports

Latest generation biometric optical scanner

Built-in proximity reader, as well as keyboard for multiple access permissions

Autonomous system with the capacity to manage an additional reader

Integration compatible with Panels and modules via wiegand, RS485, and IP with a RJ45 port as well as WiFi signal

VSAXESS® Software provides detailed reports as well as live view of the system, this software integrates with CCTV.



ACCESS CONTROL SOLUTIONS

www.visionistech.com

- Integrated management of access control and the attendance.
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results.
- Wired network and Wi-Fi are available.
- Accurate and fast fingerprint recognition. The recognition time duration is less than 1.5s.
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records are available.
- Different authentication types can be configured according to different situations.
- Stand-alone operation: Locally add person, card and fingerprint information; Export the swiping card data and the attendance report to the USB.
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured.
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured.
- Generate the attendance report automatically.
- The doorbell can connect the third party buzzer.
- Standard wiegand 26/34 protocol for output and input.
- Tampering alarm and duress alarm function.
- It is available to connect the external RS-485 secure door control to avoid the door opening when the terminal is destroyed.
- Intelligent English input.



VIS-3016

VIS-3016 fingerprint recorder supports the registration and identification of fingerprints for the VIS-3013, reader/controller. It can be connected to the computer directly through the USB interface and load characteristic data of fingerprints and images to the controller / module

- 508 dpi high-definition
- Supports the function of PnP (Plug and play)
- Optical fingerprint sensor designed with scratch-resistant material
- Applies to Windows operation system
- Supports configuration and operation via client software
- USB 2.0 communication standard for data transmission
- Power over USB
- Composite fingerprint images from triple collection

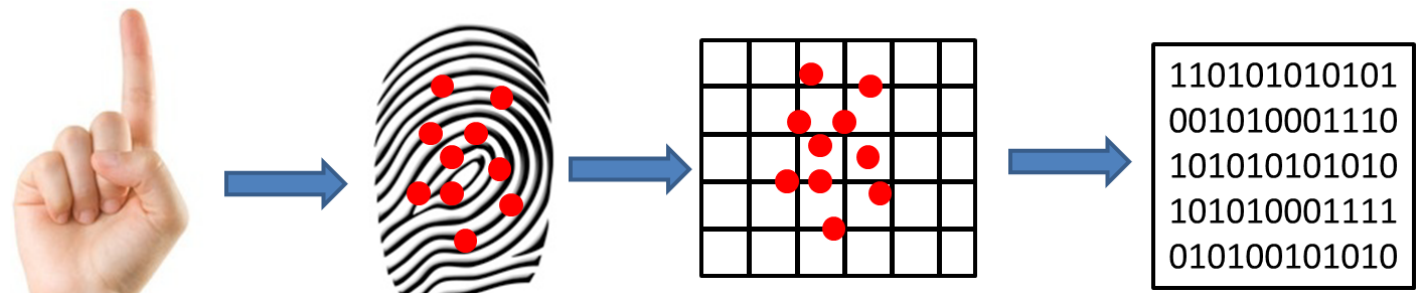


A fingerprint scanner system has two basic jobs -- it needs to get an image of your finger, and it needs to determine whether the pattern of ridges and valleys in this image matches the pattern of ridges and valleys in pre-scanned images. Only specific characteristics, which are unique to every fingerprint, are filtered and saved as an encrypted biometric key or mathematical representation. No image of a fingerprint is ever saved, only a series of numbers (a binary code), which is used for verification. The algorithm cannot be reconverted to an image, so no one can duplicate your fingerprints.

Biometric authentication

Biometric authentication is a security process that relies on the unique biological characteristics of an individual to verify that he is who he says he is. Biometric authentication systems compare a biometric data capture to stored, confirmed authentic data in a database. If both samples of the biometric data match, authentication is confirmed. Typically, biometric authentication is used to manage access to physical and digital resources such as buildings, rooms and computing devices.

Fingerprint scanning



VIS-3013

For Indoor Applications



For Outdoor Applications*



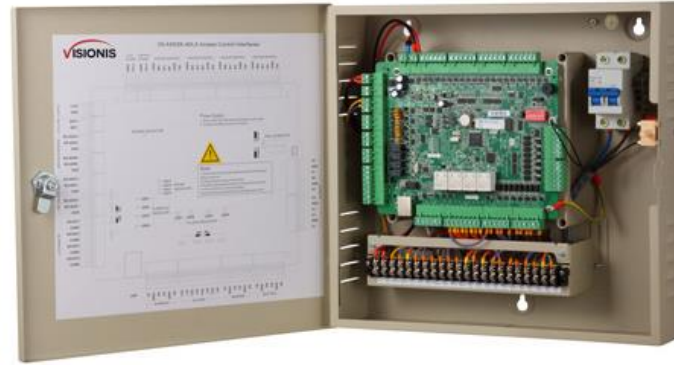
***IP45 Rainproof**
(not in direct contact
with the water, but
spill-resistant)



VIS-3015



VS-AXESS-2DLX/4DLX



Features

- TCP/IP, RS485 uplink
- GPRS
- RS485, wiegand downlink
- Advanced access control
- Abundant event linkage
- Alarm, Tamper-proof

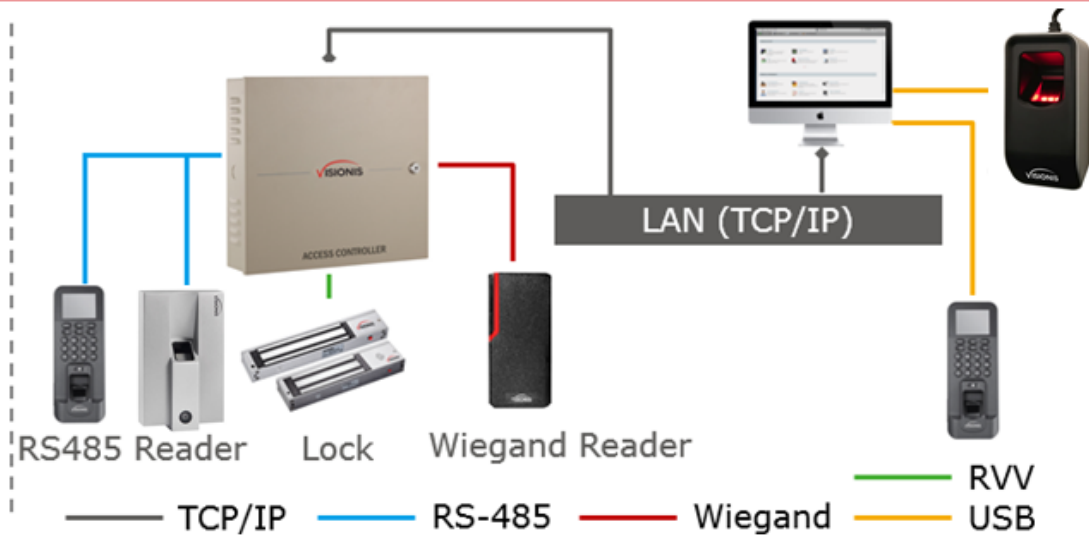


Specification

- 100K cards
- 200K expandable
- 300K events
- 600K expandable
- CE, FCC



Configuration





VSAXESS® can be used to manage and control the VIS-3013.

This allows you to have a central access control and monitoring station with an autonomous system. Able to generate attendance reports, as well as use of cards/fingerprints, door status, alarms and other records and reports. Integration with CCTV and Intercom systems.



► Innovation and Surveillance ◀

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Prox-Cards and Keytags



VIS-APRXCARD/26TH - EM PROXIMITY CARD



VIS-AKEYTAG - EM PROXIMITY TAG