1/W VDS BIOPHONE KIT PANEL

Reference: 04911

Installed in the accesses to the building, they enable communication with homes, door opening, guard unit call , etc.

DESCRIPTION

Installed in the accesses to the building, they enable communication with homes, door opening, guard unit call , etc.

The Fingerprint Reader is designed as a standalone reader with integrated controller. It is a biometric recognition system based on human fingerprints, which gives a higher level of security than any other system using other types of identification. It contains a "proximity reader", which functions as follows:
- Some people's fingerprints lack the information needed to be able to register them in the biometric system. This is estimated at 1% of the population. In these cases, use the integrated Proximity function.
- Security Mode: activates double security, Print+Card, for the same User.
- Fingerprint reader with capacitive sensor and capacity to store up to 4500 prints (depending on its configuration).

New Cityline Panel:
CityLine is the "continuous profile" outdoor panel line for buildings.

This new panel model is more robust, more luxurious and higher design and functional quality. The new design, in its video entry version, includes audio and video functions in the same module.

Colour aluminium

VDS system:
Simplified installation audio and video door entry system that does not use house call wires. The call is made by transmission of a digital call code generated by the VDS amplifier.
- In new works, installation can be carried out with the following type of wiring: UTP CAT5 / 5 wire / 3 wire + Coaxial (video).
Lets you manage up to 199 homes, 2 entrance accesses and a central guard unit.
Maximum distance from first access to last home: 200 m.
- In replacement works, the change from analogue entry to video entry system can be done taking advantage of the existing wiring.
The system capacity and distance will depend on the installation wiring.
VDS amplifier comes with voice synthesizer as standard issue.
When the door release is activated a message is heard: “Door open, please close after entering".
The home terminals require simple programming done from the outdoor panel. By means of this programming a call code is assigned to each terminal (telephone or monitor).
Communication is private.
Wiring. Audio: 3-wire bus. Video: UTP CAT5 / 5 wire / 3 wire + Coaxial (video).
Maximum distance from first access to last home: 200 m.

Device that can be used in access control systems: Standalone and centralized "MDS" or "CAC".

* Standalone access control system: For facilities where a simple access control is required, without incident log, to complement the audio door entry system and allow neighbors to access the building, for example: company offices, small offices and garages.
* Centralized access control systems, composed of a hardware part:
(Centralized: centers, door controller, readers, guard unit, decoders, etc.) and a software part that allows configuration and management of the facility.
It restricts access to certain private areas of a facility (office, warehouse, factory, sports center, etc.) for those persons who are not in possession of an authorized credentials or ID.
It allows for total management of a facility with several doors and advanced access control functions: restrictions by user groups, both spatial (areas)and temporal (schedules), incidence register for further consultation.
Information on users and associated restrictions is stored in the Central Unit (centralized systems) that will handle the decision to grant or deny access.
Advanced functions of the Centralized Systems (MDS or CAC):
Unlike other systems, centralized access control systems allow other complementary functions to be integrated without the need for additional controllers:
• Anti-passback function, limitation of capacity and greater user capacity.
• Activation of devices from the reader.
• Intercommunication. For those accesses that must be granted to staff outside the facility. By pressing the button you are put in contact with the guard unit and from there access is permitted.
• Technical or intrusion alarms. Each entry and exit can be programmed with a detection and performance time.
• Automation. Weekly programmer that can plan daily relay activities and individual or group sensor arming.
• Elevators. Access to certain floors can be restricted depending on identification (only in MDS).

TECHNICAL SPECIFICATIONS

Fingerprint reader programming:
Programming can be done manually or by PC. In manual mode the system is programmed with a master finger (administrator) and with a remote infrared keyboard included with the system.

Series 5 Panel.
- Panel measurements: 130x246 mm (width-height):
- Flush-fit box dimensions:: 115x233x45 mm (height-width-depth).
- Surface mounted box dimensions: 130x246x33 mm (height-width-depth).

Power supply: 18 Vdc

Standalone power: 12 VAC/VDC
Centralized power supply: 12 VDC
Some readers such as the fingerprint reader or bluetooth reader installed in centralized systems require a door controller.

Consumption:
- in standby: 65 mA.
- call: 600 mA.
- active audio: 100 mA.
- audio+video: 180 mA (camera consumption: 80mA)

IPK-437

Audio capacity home-outdoor panel: 2W

Audio capacity outdoor panel-home: 0.15W

Two-way volume control

Operating temperature: -10 to 60 ºC

Fingerprint reader + proximity that, through a configuration of incorporated dip-switches, can function in standalone or centralized systems.
* Standalone reader:
- Capacity: Number of users:
* 4500 in 1 print per person mode.
* 2970 in 2 prints per person mode.
Introduction of one of these prints (if it is registered on the system) causes activation of a relay that activates the lock release or other device. For an accurate reading of the print, place the finger on the reader in the print sensor area, pressing down lightly.
- Reader with 2 status LEDs and display of 7 4-digit segments.
- Infrared keyboard for programming.
- Relay for activation of lock release
- Auxiliary relay for other functions.
- Auxiliary input for exit button.
- Input for open door sensor.
- If a proximity card is used, physical contact between reader and card is not required.

- Audio and visual information for actions.
- Manual programming, the system is programmed with a Master finger/card and a remote infrared keyboard, or by PC.
- Confirmation through LED and buzzer of acceptance or refusal of the print/card presented.
- 12 Vac/12Vdc power supply.
* Centralized reader:
Requires a door controller (ref.4220/42201) for connection to centralized access controls.
They allow the access control installation to be equipped with anti-sabotage security as they do not incorporate the door release mechanism or the exit button connection. The door release supports these functions.
They can be used with door releases that use protocols Wiegand-26 bit or otherwise Magstripe (data/clock).
- Capacity: Number of users:
* 1020 prints/cards with MDS central unit (ref. 2405).
* 2046 prints/cards with CAC central unit (ref. 4410).
Cables: 7 wires up to door controller.
Power supply: 12 VDC

EAN 13: 8424299049113