



Installation Devices / Installation Devices: Others

Product Code

F02405

# 1 ACCESS MDS DIGITAL CENTRAL UNIT

Reference	EAN
2405	8424299024059

## Description.

### Description

MDS Digital system: Simplified BUS installation digital audio and video door entry system that lets you manage buildings and residential complexes of unlimited size and able to integrate all the community services:

- Audio and Video Door Entry Systems
- Intercommunication between accesses.
- Access Control
- Centralized and automated security

Requires Central Unit/s to manage the installation (Capacity per UC: 9999 homes, 32 accesses/guard units. Can link up to 63 UCs). Can be either general entrances or interior blocks.

MDS systems require floor Decoders to connect the homes to the installation BUS and act as insulators. Home-panel communication is private.

### Wiring:

- Audio: 6-wire bus.
- Video: audio bus + Coaxial (video) + 2 power supply wires.

Maximum distance in the installation depending on the cable section used (see technical manuals).

The MDS central unit is the controller for MDS Digital audio/video door entry and access control systems.

Lets you integrate the following functions:

- Video door entry system with electronic directory and multiple guard units.
- Access control for residents.
- Lift control for residents and visitors.
- Automated services: switching on/off lighting, irrigation, purification, etc.

- Technical alarms in the community and home.
- Intercommunication between guard units and elevators, garages, stair landings.

Being able to integrate all these functions in the same equipment mean a great saving by sharing resources and infrastructures (wiring, controllers) and simplicity of management: one-person maintenance and management.

Communication with all devices is by means of communication buses that enormously facilitate installation of the product.

Each central unit comes provided with a PC configuration and administration software (Wincom+) with the following functions:

- User authorizations and cancellations: electronic directory, access control.
- Access restrictions configuration.
- Incidents record.
- Installation test.

DIN-10 rail format for easy installation inside an electrical equipment box, or can be screwed directly onto the wall. Centralized MDS Access Control System. Composed of one part hardware: MDS central units, readers, decoders, etc. and one part software that lets you configure and manage the installation.

Restricts access to certain private zones of a facility (office, warehouse, factory, sports area) to those persons not in possession of a authorized credential or identification.

Enables complete management of an installation with several doors and advanced access control functions: restrictions by user groups, both spatial (areas) and temporal (schedules), anti-passback function, capacity limitation, greater user capacity, activation of devices from the reader, recording of incidents for consultation later, control or security centre.

In contrast with other systems, MDS access control lets you integrate other complementary functions with no need for additional controllers:

- Intercommunication. For those accesses where we have to allow access to other people from outside the facility. By pressing a button we contact the control centre and access is permitted from there.
- Lifts. Access to certain floors may be restricted depending on the identifier.
- Technical or intruder alarms. Each entrance and exit can be programmed with a detection and action time.
- Automation. Weekly programmer which can schedule up to 32 daily activations of relays and arming of sensors, individually or in groups.

The user information and associated restrictions are stored in a Central Unit that takes the decisions to allow or deny access.

In facilities that exceed these specifications (more readers or users) up to 63 central units can be grouped together.

Reader wiring: 2 wires + screened twisted pair

Intercommunication wiring. 4 wires + screened twisted pair.

## Technical Details

Power supply:

- Audio: 12 Vdc

- Video: 18 Vdc

Power supply: 12 Vdc

## Details.

Weight (kg)

0.683213

Dimensions (cm)

6,5x18,1x9,6

Video Door Entry system

Technologie

MDS

## Manuals

94752\_Minicentral\_Ref\_2405\_  
V01\_04.pdf

## Declaration of conformity

DOCF02405EN.pdf