

We give you control
We give you advantage



COLNOD CND5

Access Control System

COLNOD CND5 is the latest generation of the access control system. Its sophisticated architecture enables integration of wide range of peripherals. Advanced modular platform provides freedom of scalability and system topology. It is suitable for current and future needs of any project.

- Designed for large installations
- Vast number of access points
- Scalability bringing investment protection
- System security and protection
- Suitable for various kinds of biometric readers
- Interoperability with both intruder and fire alarm system
- Multiple authorization support
- On-line and off-line operation

COLNOD CND5

Access Control System

We give you control
We give you advantage



Control unit CND5 for 4 doors



System grows along with your changing needs



Functions

The system controls access of people and vehicles passing through access points (doors, turnstiles, road barriers etc.). Each access point can be equipped for example with some kind of ID reader, exit button, door contact and door lock. Incoming person is recognized, their authorization is verified and door is unlocked for one pass.

The system recognizes whether the door was passed or opened for too long. All events are recorded and stored in the system memory. The ACS COLNOD brings an effective authorization control as well as management of authorized persons and their cards, chips etc.

Basic Characteristics

The COLNOD access control system with CND5 control units belongs to the state-of-the-art category of modular systems. It supports either centralized or decentralized installations.

A COLNOD unit includes a CPU and a modular BUS that can be extended. Range of modules can be connected to the BUS. Future extensions are naturally possible in parallel.

Each COLNOD unit is capable of independent operation during electricity blackout or connectivity failure. Thanks to the qualities of Colnod design, the system is highly

resistant to both blackouts and failures of individual parts. Therefore it guarantees a high level of security.

Power feeding can be naturally backed up by a designated power supply or by Power over the Ethernet.

The system memory can be extended and data can be stored also on an SD memory card.

Typical installation for 150 doors



COLNOD CND5 Features

- Easy localisation, remote control and modification, openness of system, optional modifications by the customer
- Security and continuous control of system integrity, data synchronisation, automatic unit update
- Time synchronisation, definition of periodical and one-off holidays, summer time switch, time zones
- Support for multiple administrators with different access rights to data, time lock, logging in
- Work simplification through access roles definitions, access groups, door groups and time slots
- Access authorisation through time windows with a one-minute resolution, day of a week, holidays, calendar
- A PIN code assignment to increase security or for special functions (dures, locking, unlocking, visitor)
- One-off remote door opening from the operator station, lock and unlock time plans
- Real-time event tracking, handling of alarm events, interactive building map
- Attendance records and counting of persons present in particular zones, tracking of monitored persons passing
- Regressive tracking of events with the possibility of filtering based on time, type of event, person, door, or reader
- Possibility to assign multiple tokens or ID means to a single person, possibility to block the authorisation immediately

Certificates

Nation Security Authority certificate for technical device type 2-4 in accordance with Degree 538/2005 Coll. Certificate issued by certifying authority 3025 TREZOR TEST for access class B, identification class 2 and 3. Certificate of accredited laboratory 11172 TESTALARM. The device complies with harmonized Technical Standards: EN 50131-1, EN 50133-1, EN 50133-2-1, EN 50133-2-2, EN 55022.



Colsys s.r.o.
Bustehradská 109
272 03 Kladno – Dubí
Czech Republic
Tel.: +420 312 278 111
Fax.: +420 312 247 982
Email: kladno@colsys.cz
www.colsys.cz



We are holders of certificates and marks:



QUALITY MANAGEMENT SYSTEM ČSN EN ISO 9001
ENVIRONMENTAL MANAGEMENT SYSTEM ČSN EN ISO 14001
HEALTH MANAGEMENT SYSTEM OHSAS 18001
NATIONAL SECURITY AUTHORITY CERTIFICATION
CZECH DEFENCE STANDARD CERTIFICATION ČOS 051622 (AQAP 2110)
MEMBER OF THE ECONOMIC CHAMBER OF THE CZECH REPUBLIC