

doorLoxx® – Digital Locking Systems

An access control system that can be fitted to standard mechanical locks allowing them to be wirelessly connected without the need to modify the door. doorLoxx digital locking components are available as battery powered digital cylinders and smart handles. doorLoxx can form part of a new or existing access control system with no need for wires to the door, exceptional long battery life combined with the innovative flexibility to adapt the product at point of installation to fit many types of door puts doorLoxx at the top in its class.

doorLoxx update station

The CDD 7 K update station is the "online" component in the doorLoxx system. It can be connected to the IP network via the interface converter SNP 7. The built-in display makes it possible to convey information to the respective system user. The favourably designed rear panel makes it possible to place the CDD 7 K along with the display and keypad in a user-friendly position. Depending on the data carrier used, it is possible to transfer data to both passive transponders as well as active key fobs at the CDD 7 K update station. Information stored in this manner is designated "Cardnet or Tagnet". The update station also writes the daily time stamp, in other words the validity of the access authorization on the card. Stored transaction data can also be transmitted to the PC at the same time as the update station reads in data from a data carrier. It is possible to disable a lost data carrier via the CDD 7 K update station to prevent misuse. In the event of a power failure, the internal clock will continue to operate for 15 minutes. The update procedure can also be carried out even if it is not possible to connect to the server; however, the power supply must be guaranteed.

Your benefits at a glance:

- **Display provides user information**
- **Supports active and passive transponders**
- **Rapid read/write operations from/to data carriers**
- **All data communication AES encrypted**
- **Ethernet interface to host system**



Technical data

Dimensions WxHxD:	100 x 145 x 93 mm
Housing material:	ASA, PC
Colour:	Grey RAL 7035
Protection class:	IP54
Mounting:	Surface mounting
Operating temperature:	+5...+50°C
Relative humidity:	5...95%, non-condensing
Power requirement:	12...24 VDC / max. 200 mA
Transponder technologies:	
CDD 7 MK	13.56 MHz mifare® DESFire EV1, NFC, Active VLF, 125 kHz
CDD 7 LK	13.56 MHz Legic Advant, NFC Active VLF, 125 kHz
Reading distance:	Up to 50 mm Active VLF 10 cm
Radio network:	Optional, 868 MHz <i>airLink</i>
Signalling:	Red, green, blue LED Beeper and display
Real-time clock:	Yes
Display:	128 x 40 pixels
Interface(s):	RS485 / Ethernet
Transaction times for mifare DESFire EV1:	
Update time:	< 500 ms
Update 500 bytes:	< 2 s
Read 4 KBytes:	< 4 s