

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.

Key fob

The active key fob can be used to directly release and control doorLoxx door release elements. Together with the SMB 5 Smart I/O Box it can also be used to control third-party systems and facilities.

The active key fob is equipped with a memory chip for "Cardnet or Tagnet" as well as a real-time clock to verify time profiles in the doorLoxx system. The integrated real-time clock ensures time zones can be activated as required, so that it is possible to limit levels of access accordingly. The recessed button guarantees it is reliable to use and excellent ergonomic comfort. A red and a green LED signalize entry authorized, entry denied as well as the battery status respectively. Optionally, it is also possible to integrate passive inlays in the housing to control previously installed systems in parallel or to operate mixed active and passive doorLoxx components within a system. All communications are secured by means of authentication and AES encryption.

Your benefits at a glance:

- **AES encrypted, bidirectional communication**
- **Stores Tagnet and time profiles**
- **Integrated real-time clock**
- **Ergonomic button design for a long service life**
- **Dual technology possible by retrofitting passive inlays**
- **LED battery status indication**
- **Extra rugged design for working conditions that place high demands on mechanical durability**



loxxOpen

Technical data

Dimensions WxHxD:	43 x 71 x 16 mm
Material:	ASA / V2A
Colour:	Black
Operating temperature:	+5...+50°C
Relative humidity:	5...95%, non-condensing
Power requirement:	1x CR 2450 Lithium button cell
Frequency:	VLF
Activating range VLF:	Up to 40 cm
Real-time clock:	Yes
Battery life:	5 years / up to 200.000 operations
Data communication:	Bidirectional with AES encryption

Accessories

Can be retrofitted with inlay:	LEGIC Prime LEGIC advant mifare classic mifare DESFire EV1 Hitag2 / EM4102
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