

Smart Access Control Offline

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Device description

Fully autonomous access control device for waste containers. It operates without network connectivity, using secure NFC/RFID authorization. Designed for locations without coverage or where low-cost, maintenance-free operation is essential.

Key benefits



Eliminates unauthorized waste disposal



Recycling efficiency improvements



Zero subscription fees



GDPR-compliant

How it works?



Technical specifications

- ➔ Battery life: up to 2 years (5 ext.)
- ➔ NFC/RFID (13.56 MHz / 125 kHz)
- ➔ Local card database (FRAM)
- ➔ Operating temp.: -25°C to +60°C
- ➔ IP67 rating

Core features

- ➔ No network required
- ➔ Battery supply (plug & play)
- ➔ Compatible with most container types
- ➔ Local user rights management via service card

Mobile application

- ➔ Smartphone app acts as a secure digital token for container access
- ➔ Administrators can grant or revoke access directly from the mobile app

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