

RAC5

Perimeter and elevator access control



Features

- Cutting-edge perimeter and elevator access control
- Operates offline with optional online control and auditing
- NFC programming and auditing
- Secure bootloader and TLS over ethernet for improved security
- Multi-Floor Controller can be expanded from 1 to 64 relays
- Comes with 1 or 2 RAC5 RFID readers, style options available
- Optional online functionality for cancellation of credentials in real-time, pull audit and updating firmware all in real-time
- Optional Bluetooth® connectivity to enable mobile devices as guest credentials
- Supports MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2*, and MIFARE® DESFire® EV3 credentials

*MIFARE Plus EV2: When used in enhanced security mode available in Ambiance

Description

The RAC5 system by dormakaba is a cutting-edge perimeter and elevator access control solution designed for seamless integration in modern hotel security setups. The RAC5 system operates offline with optional online control and auditing, which is further enhanced by dormakaba's advanced access management software. The LT and XT perimeter solutions are flexible in their configuration, yet secure in their design and performance. The Multi-Floor Controller (MFC) provides robust access control and secure stops for hotel elevators. The RAC5 Series RFID readers are

capable of reading ISO 14443-A credentials, include NFC functionality, and integrate optional BLE connectivity to provide many options of physical and mobile guest credentials. Experience the future of access control with RAC5—where security, connectivity, and simplicity converge.

Mobile access

The RAC5 NFC reader is Bluetooth Low Energy (BLE) capable and can operate using the dormakaba Mobile Access Solutions for perimeter and elevator.

Applications

- Garages
- Parking lots
- Pools/fitness centers
- Locks with electric strikes or electromagnetic locks
- Elevator access control



RAC5 Lite
(offline only)



RAC5 XT



RAC5 MFC

Features & specifications

	RAC5 Lite	RAC5 XT	RAC5 MFC
Standalone mode	Yes	Yes	Yes
On-line mode	No	Yes	Yes
Audit records	Up to 4000	Up to 4000	Up to 4000
Number of readers	Up to 2	Up to 2	Up to 2
Two readers (Egress-Ingress) for one locking device	Yes	Yes	n/a
Includes RFID readers	Yes	Yes	Yes
Locking device programmable delay via NFC from 4 seconds up to 60	Yes	Yes	n/a
Reader distance (max)	1000ft (305m)	1000ft (305m)	1000ft (305m)
BLE support	Yes	Yes	Yes
No touring	Yes	Yes	Yes
LAN interface (802.3)	No	Yes	Yes
Online secure firmware upgrade	No	Yes	Yes
Online functionality (TLS encrypted)	No	Yes	Yes
NFC secure firmware upgrade	Yes	Yes	Yes
NFC programming & auditing	Yes	Yes	Yes
Reader status indicators	Yes	Yes	Yes
Locking device output (1 form C)	Up to 2	Up to 2	No
Locking device manual bypass	Yes	Yes	No
Expansion relays	No	No	64
Expansion relay manual bypass	No	No	Yes
Fire alarm override	Yes	Yes	Yes
Tamper alarm	No	Yes	Yes
REX	Yes	Yes	n/a
Remote unlock input	Yes	Yes	n/a
Door contact status	Yes	Yes	n/a
Input power	12V	24V	24V
Back-up battery	No	Yes	No
Power status indicators	No	Yes	Yes
Temperature range	0 - 50°C (32 - 122°F)	0 - 50°C (32 - 122°F)	0 - 50°C (32 - 122°F)
Relative humidity	10% to 95%	10% to 95%	10% to 95%
Enclosure	Metal enclosure	Metal enclosure	Metal enclosure
Certifications	CE, UL, FCC, CSA, ULC	CE, UL, FCC, CSA, ULC	CE, UL, FCC, CSA, ULC

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Any questions? We would be happy to advise you.

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