

RAC5

Perimeter Access Control



RAC5 Lite
(offline only)



RAC5 XT



RAC5 MFC

RAC5 designed to operate online or stand-alone mode

RAC5 is dormakaba's latest perimeter access control module for use online or offline. The optional multi-floor controller (MFC) device is connected to the property network and provides access control and secure stops. It functions with the RAC5 Series RFID readers and dormakaba's access management softwares.

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.

Features

- Optional online functionality
- Remotely cancel credentials in real-time
- Remotely pull audit
- Remotely update firmware
- NFC Programming and Auditing
- Secure bootloader and TLS over ethernet for improved security
- MFC expanded relays from 1 to 64
- Supports Mifare Classic, Mifare Plus, and Ultralight C credentials

Applications

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

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	Yes
One reader (ingress) per locking devices	Yes	Yes	Yes
Locking device programmable delay via NFC from 4 seconds up to 60	Yes	Yes	Yes
Reader distance (max)	1000ft	1000ft	1000ft
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	Yes
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	Yes
Remote unlock	Yes	Yes	Yes
Door contact status	Yes	Yes	Yes
Input power	Wall-mount adaptor	Wall-mount adaptor & power supply	Wall-mount adaptor & power supply
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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