

# Quantum™ RFID

## Electronic hotel lock



### Features

- High security and tamper-proof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - Keycard audits
- Tracking mortise for door ajar reporting
- Wear resistant construction and finish
- NFC programming
- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader
- Supports Bluetooth® Low Energy enabling mobile access
- Supports RFID credentials

### Overview

The Quantum RFID lock offers a unique two-piece modular design. Synonymous with superior performance, the lock is renowned for access control, life safety and security. The Quantum RFID is easy to use and works with dormakaba Access Management Software.

### Mobile access

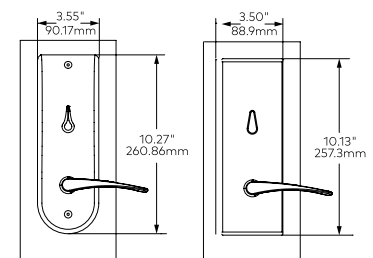
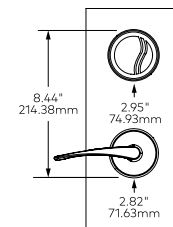
The Quantum RFID contains Bluetooth® Low Energy (BLE) technology and can operate with dormakaba Mobile Access Solutions.


### Access control management software

The Quantum RFID lock is supported by dormakaba's robust Ambiance access management software solution that features an array of access control workflows for both guest and staff access. Optionally, choose dormakaba's Ambiance RX online access management solution for superior control and monitoring.

### Applications

- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks throughout a facility
- Access control for guest rooms, common areas as well as back-of-house



Mechanical features	
Description	Electronic mortise lockset with 1" (25.4 mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Lever	ADA Compliant 
Deadbolt	1" (25.4 mm) throw deadbolt and 5/8" (15.9 mm) dead-locking latch bolt
Door thickness	1 3/4" (44.5 mm) to 2 1/4" (53.98 mm) for standard product
Weight	Approx. 8.0 lbs with hardware
Housing construction	Escutcheons: Zinc Levers: Brass, zinc, or stainless steel
Standard finishes	Bright chrome, bright brass, satin chrome, satin brass, dark mahogany
Inside trim options	Optional adase or MT inside escutcheon
Standard backset	2 3/4" (69.9 mm) from door edge to lever
Locking options	ANSI lock case with 1 1/4" or 1" lock front mortise. Options: automatic deadbolt, door ajar
Online configurations	Online Ready DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon
	Online Enabled DAJ mortise (ANSI lock case) Inside escutcheon equipped with low-power wireless module
Mobile Access options (Quantum RFID series)	
Bluetooth® enabled	The lock includes Bluetooth® (BLE) as a standard, enabling mobile credentials upgrade at any time
Lock operation	
Date/time stamp	Real-time; date and hours/minutes
Interrogation	Obtain key usage reports from the lock by using a handheld unit at the door, or increase efficiency by performing a remote interrogation using a Ambiance RX online lock system (optional)
Pre-registered keycards	Keys can be made up to ten days in advance without cancelling current or arriving guests
Keycard expiration	Configurable expiration dates; can be automatically set for check out date or manually applied when making key during check in process
Passage mode	Set by authorized keycard or online system Can also be configured to perform an automated/pre-defined passage mode time
Lockout mode	Set by authorized keycard or online system
Credentials	Supports MIFARE Ultralight C, *MIFARE Plus EV2, and MIFARE DESFire EV3 *MIFARE Plus EV2: When used in enhanced security mode available in Ambiance v2.10+ Available in keycards, key fobs and wristbands
Feedback	Light indicators in reader
Diagnostics	Light indicators and handheld display
Audit trail	Up to 4,000 events
Disability feature	RCU readers interface with automatic power operated doors for special openings
Privacy override	Emergency key and electronic override
Batteries	Alkaline - four AA battery pack; battery life is up to 2 years Low battery indicator: alerts staff that batteries need to be changed soon
Certifications & testing	
Accessibility standard	Complies with 2010 ADA Standards for Accessible Design – Art. 309.4 (Operable Parts). For models with ASM mortise only, for application interior and exterior. Non ADA compliant with auto dead bolt. Lock shall be properly aligned with the mortise or latch and must be installed strictly according to the dormakaba installation instructions and the ADA Standards and Regulations applicable for each facility, to be able to fulfill compliance with ADA requirements.
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A256.13-2012 Standard for Mortise Locks and Latches," and "ANSI/BHMA A256.25-2013 Standard for Electrified Locking Devices." (Only locks tested and approved by non-biased third-party test lab are allowed in the "BHMA Certified Products Directory" found at <a href="http://www.buildershardware.com">www.buildershardware.com</a> ).
Fire rating	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. <ul style="list-style-type: none"> <li>U.L. Certification: GVVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C</li> <li>U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B &amp; UL 10C</li> <li>Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)</li> </ul>
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
Environmental operating conditions	Indoor side: 32 °F to 151 °F (0 °C to 66 °C) Outdoor side: -31 °F to 151 °F (-35 °C to 66 °C) 0% to 85% non-condensing humidity at 86 °F (30 °C)
Warranty	
Standard warranty	Two years
Support programs	dormakaba Service Plans (Platinum, Gold, Silver)

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**Any questions? We would be happy to advise you.**

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