

QuantumIV™

Electronic hotel lock



Features

- High security and tamper-proof design
- Optional Automatic Deadbolt
- Extensive event memory in the lock
- Tracking mortise for door ajar reporting as an option
- Emergency access: emergency key, mechanical key and electronic override
- Usage detail stamp in real-time with date/hours/minutes
- Wear resistant construction and finish
- NFC programming
- AA alkaline 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
- Supports digital wallets

Overview

The QuantumIV electronic lock builds on dormakaba's proven two-piece modular design, offering a refined, elegant look and reliable, high-performance operation with an integrated RFID reader.

Mobile access

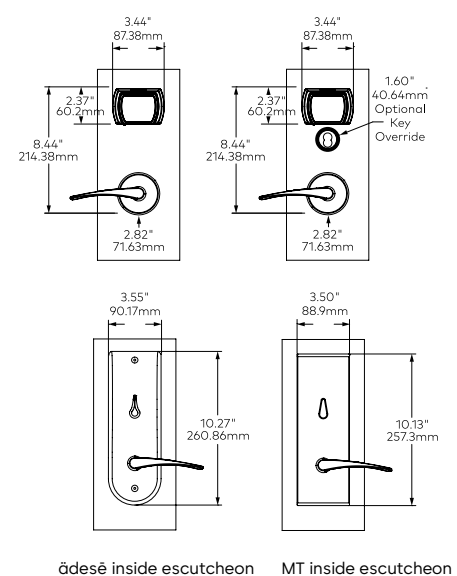
This Bluetooth® Low Energy (BLE) capable lock can operate using the dormakaba Mobile Access Solutions, allowing guests to use their mobile device as their hotel room key.

Access control management software

The QuantumIV lock is supported by dormakaba's Ambiance access management software solution 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 25.4 mm (1") throw deadbolt and 15.9 mm (5/8") dead-locking latch bolt	
Handing	Factory-handed mortise (left, right, left reverse, right reverse)	
Levers	ADA Compliant       Apogee Arc Continental Elevon Gala Troy	
Available finishes	Bright Chrome, Satin Chrome, Bright Brass, Satin Brass, Satin Nickel, Dark Mahogany, Black	
Door thickness	44.5 mm (1 3/4") to 53.98 mm (2 1/8") for standard product	
Shipping weight	Approximately 3.62 kg (8.0 lbs) with hardware	
Housing construction	Escutcheons: stainless steel/brass; Levers: brass, zinc, or stainless steel	
Standard backset	69.9 mm (2 3/4") from door edge to lever	
Locking options	ANSI lock case with faceplate 27 mm or 32 mm (1 1/4" or 1")	
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 & digital wallets

Bluetooth® and NFC enabled	Equipped with Bluetooth® and NFC technology and can be used for mobile access or digital wallets.
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Lock operation

Interrogation	Obtain key usage reports from the lock by using a handheld unit at the door, or remotely using Ambiance RX/RX-Link.
Keycard expiration	Configurable expiration dates and can be made up to 10 days in advance without canceling current or arriving guests
Passage mode	Set by authorized keycard or online system. Can also be configured to perform an automated/pre-defined passage mode time.
RFID credentials	Supports MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2, and MIFARE® DESFire® EV3 credentials. For optimal protection, activate Enhanced Security in Ambiance on all compatible locks and firmware versions. Available as RFID keycards, fobs, and wristbands.
Audit trail	Up to 4,000 events per door
Disability feature	RCU readers required to interface with automatic power operated doors for special openings

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 Grade 1 "ANSI/BHMA A256.13-2012 Standard for Mortise Locks and Latches," and "ANSI/BHMA A256.25-2013 Standard for Electrified Locking Devices."
Fire rating	Listed for pre-prepared manufactured doors and certified for retrofitting existing doors by UL for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." (UL 10B and 10C) b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." (UL 10B and 10C) c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant

Warranty

Standard warranty	Two years
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Note:
 The information provided on this sheet is intended for general reference only. Availability, features, and specifications may vary by country. For more information, please contact your local representative.

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