

QuantumIV™

Electronic hotel lock



Features

- High security and tamper-proof design
- Optional Automatic Deadbolt
- Staff monitoring - RFID keycard audits
- Tracking mortise for door ajar reporting
- 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 (BLE) technology 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.

Next-generation technology with RFID and mobile access solutions

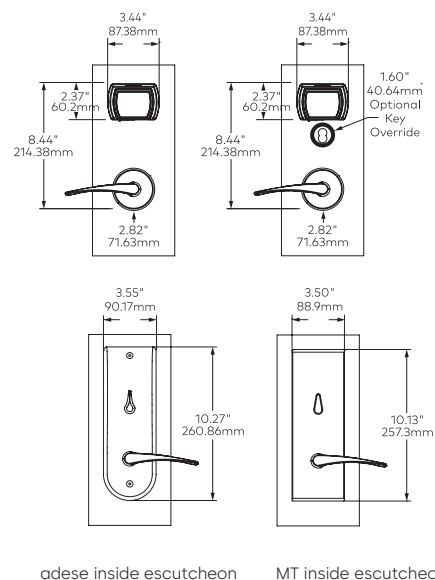
With built-in RFID, NFC, and Bluetooth Low Energy, the QuantumIV door lock supports RFID cards, mobile keys, and digital wallets. Guests can use their smartphone as a key, enabling convenient check-in and intuitive access.

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

Mechanical Features	
Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Lever	ADA Compliant  ContinentalElevonGalaTroy
Available finishes	Bright Chrome, Satin Chrome, Bright Brass, Satin Brass, Satin Nickel, Dark Mahogany, Black
Door thickness	1 3/4" (44.5mm) to 2 1/8" (53.98mm) for standard product
Shipping weight	Approximately 8.0 lbs (3.62 Kg) with hardware
Housing construction	Escutcheons: stainless steel/brass; Levers: brass, zinc, or stainless steel
Standard backset	2 3/4" (69.9mm) from door edge to lever
Locking options	ANSI lock case with 1 1/4" or 1" faceplate
Online configurations	Online ReadyDAJ mortise (ANSI lock case), Standard (stand alone) inside escutcheon
	Online EnabledDAJ mortise (ANSI lock case) Inside escutcheon equipped with low-power wireless module

Mobile access option

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 Available in RFID keycards, fobs and wristbands
Audit trail	Up to 4,000 events
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)
Ingress protection	IP54
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant

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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