Saflok
Quantum Pixel
Electronic Lock

Enhance the
guest and
resident
experience

dormakaba

Quantum Pixel mobile-enabled RFID

Overview
dormakaba's Saflok Quantum Pixel provides an easy-to-use, secure, and flexible solution that is both visually attractive and high-performing. With its electronics concealed within the door, the Quantum Pixel's visible hardware is minimal resulting in a lock design that integrates seamlessly with any hotel decor.

Mobile Access
The Quantum Pixel is equipped with Bluetooth Low Energy (BLE) Technology, meaning guests can safely use dormakaba Mobile Access Solution with their mobile device to access any door in the hotel equipped with Quantum Pixel.

Applications
- Ideal for new projects or when doors are being replaced
- Suitable for small to very large scale hotels
- Access control for guest rooms
- Interior door only

Security Features
- 25.4mm (1") solid deadbolt
- Staff monitoring - RFID Keycard audits
- Tracking mortise for door ajar reporting
- Emergency key and electronic override
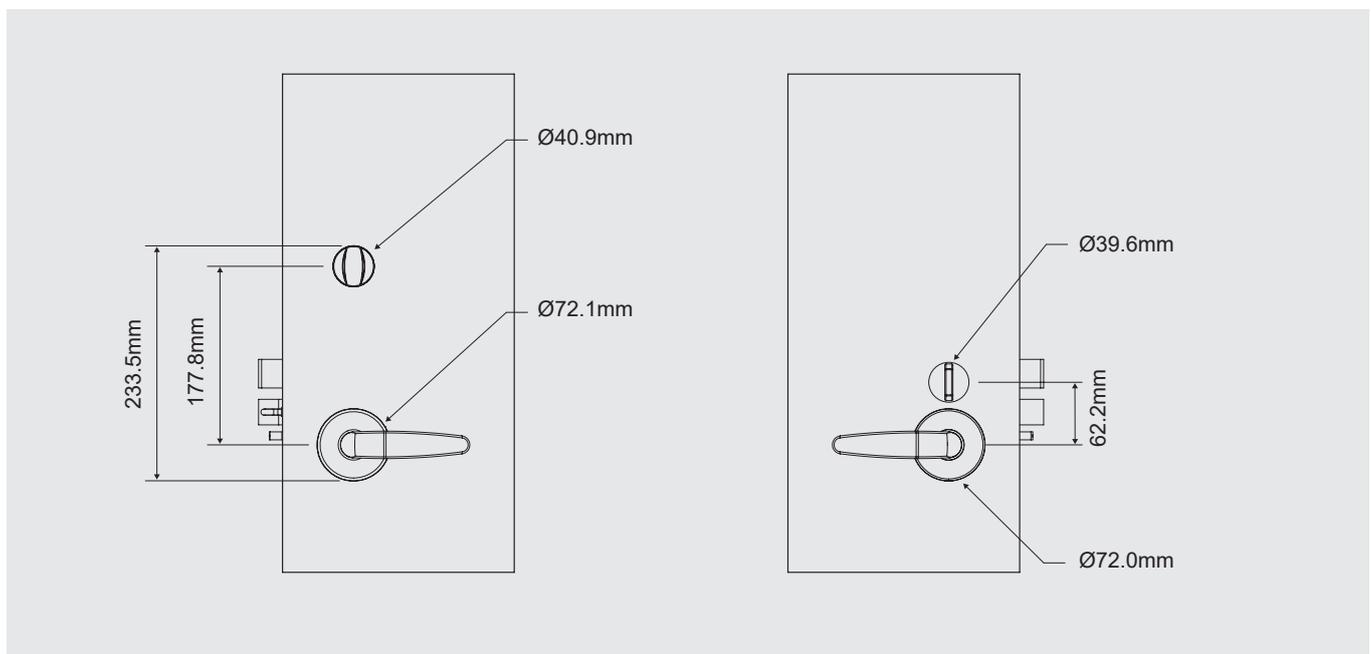- Tamper Resistant

Low Maintenance
- AA alkaline; Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Service tray for easy battery access

Access Management Software
The Quantum Pixel lock is supported by dormakaba's access management software solution for both guest and staff access. Optionally, choose dormakaba's online access management solution for superior control and monitoring.

Lock Operation
- Real time date and time stamp - hours/minutes.
- Obtain key usage reports from the lock by using a handheld unit at the door, or remotely using Messenger LENS
- Configurable expiration dates and can be made up to 10 days in advance without cancelling current or arriving guests
- Passage Mode is set by authorised keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time
- Two credential format options available: Mifare Classic or Mifare Plus- Mifare Classic (4byte NUID): Guest Keycards (Mini), Staff (4K & 1K) - Mifare Plus: Guest Keycards (Mifare Ultralight C, 7 Byte UID), Staff Keycards (Mifare Plus S 2K, 4 Byte NUID, Mifare Plus S 4K, 4 Byte NUID)
- Audit Trail for up to 4,000 events
- Disability feature - RCU readers required to interface with automatic power operated doors for special openings

Specifications

Hardware	
Description	Electronic mortise lockset
Reader cover	Polycarbonate. Color: black
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Levers	ADA compliant
Deadbolt	25.4mm (1") throw deadbolt and 15.9mm (5/8") dead-locking latch bolt
Door Thickness	35.1mm to 77mm No mortise offset, no rabbeted doors. Wood or metal solid clad doors only (no hollow doors)
Locking Options	ANSI lock case with 25.4mm (1") lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar
Online Configurations	**Messenger Ready** DAJ mortise (ANSI lock case) **Messenger Online** Lock controller board with Messenger LENS capability; DAJ mortise (ANSI lock case)
Power input	4 x AA Alkaline Batteries Battery life is up to 2 years Low battery indicator: alerts staff that batteries need to be changed soon

Mobile Access Option	
BLE ready BLE enabled	Upgradeable to BLE with BLE module BLE module included, no further upgrades needed

Certifications and Testing	
Accessibility Standard	Complies with ADA standards 2010 for accessible design
Fire Rating	Listed for 30 minute fire rating on a single-leave wooden composite doors in wooden frame with a thickness of 44 mm
Electronics	FCC Part 15 Class A and CE directive 2014/53/EU compliant
Environmental Operating Conditions	Indoor side: 0°C to 66°C 0% to 85% non-condensing humidity at 30°C conditions IP rating: IP54
BHMA/ANSI	Grade One performance tests for ANSI/BHMA A156.13 - 2017 "American National Standard for Mortise Locks and Latches," and A156.25 - 2013 "American National 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 www.buildershardware.com)

Standard Lever designs

Gala Lever   Elevon Lever   Continental   Troy   Apogee   Arc

Standard Finishes

Satin Chrome   Bright Chrome   Satin Brass   Bright Brass   Satin Nickel

Special finishes
Antique Copper, Black Lacquer, Supreme Satin Chrome, and other special finishes are available upon request.

Note: For custom levers and finishes, please contact your dormakaba local sales representative

Door Hardware

Entrance Systems

Electronic access & Data

Interior Glass Systems

Lodging Systems

Mechanical Key Systems

Safe Locks

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