Saflok Quantum Pixel

Overview
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 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

Warranty
• Standard 2-year
• dormakaba platinum, gold, and silver service plans

Security Features
• 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 Control 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.

Mechanical Features

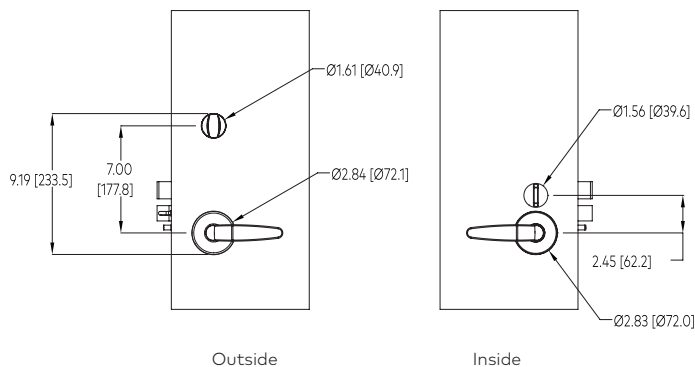|	
Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Reader cover	Polycarbonate. Color: black, white
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Lever	ADA Compliant. Standard levers available Apogee Arc Continental Elevon Gala Troy
Available Finishes	Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Dark Mahogany, Black
Door Thickness	1.38" (35.1 mm) to 3.0" (77 mm). Wood or metal doors
Locking Options	ANSI lock case with 1" lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar
Online Configurations	Messenger LENS Ready — DAJ mortise (ANSI lock case) Messenger LENS Online — Lock controller board with Messenger LENS capability DAJ mortise (ANSI lock case)

Mobile Access Option (BLE)

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

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 remotely using Messenger LENS
Keycards	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 Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time.
RFID Credentials Specifications	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	Up to 4,000 events
Disability Feature	RCU readers required to interface with automatic power operated doors for special openings

Certifications & Testing

Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
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)
Fire Rating	U.L. Listing: R11247 "Electrically Controlled Single-point Locks and Latches." (UL 10B, UL 10C and CAN/ULC-S104) Listed for up to 3 hours on metal doors, up to 60 minutes on composite doors, and 20 minutes on wood core doors. Fire certified for Europe EN-1634-1 for 30 minutes. Mortise certified EN 14846
Electronics	FCC Part 15 Class A and CE directive 2014/53/EU compliant
Environmental Operating Conditions	Indoor side: 32°F to 151°F (0°C to 66°C); 0% to 85% non-condensing humidity at 86°F (30°C); IP rating: IP54

Outside   Inside

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