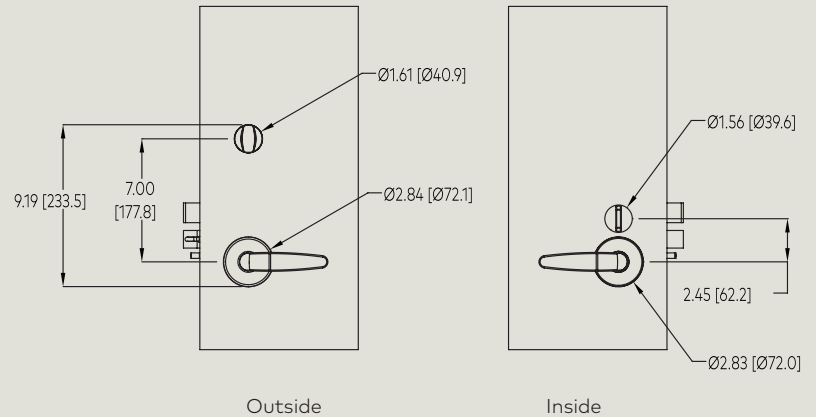


Saflok Quantum Pixel



Overview

Saflok Quantum Pixel is the newest addition to dormakaba's award-winning Quantum Series of RFID electronic locks. The 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 that the lock is able to operate using the dormakaba Mobile Access Solutions. Guests can safely use their mobile device to access any door in the hotel equipped with Quantum Pixel.

Applications

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

Security Features

- 1" solid deadbolt
- Staff monitoring – RFID keycard audits
- Tracking mortise for door ajar reporting
- Emergency access: emergency key and electronic override
- Tamper Resistant


Low Maintenance

- 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 robust access management software solution that features an array of access control workflows 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	
Handing	Factory-handed mortise (left, right, left reverse, right reverse)	
Lever	ADA Compliant. Standard levers available 	
Deadbolt	1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt	
Door Thickness	1.38" (35.1 mm) to 3.0" (77 mm). No mortise offset, no rabbeted doors Wood or metal solid clad doors only (no hollow doors)	
Standard Finishes (levers and inside)	Bright chrome, bright brass, satin chrome, satin brass	
Locking Options	ANSI lock case with 1" lock front mortise	
Online Configurations	Messenger LENS Ready	DAJ mortise (ANSI lock case)
	Messenger LENS Online	Lock controller board with Messenger LENS capability (wood doors only) DAJ mortise (ANSI lock case)

Mobile Access Option (BLE)

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

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
---------------------------------	---

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 Messenger LENS (optional)
Preregistered Keycards	Keys can be made up to ten days in advance without canceling 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 Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time.
Lockout Mode	Set by authorized keycard or Messenger LENS system
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)
Feedback	Light indicators in reader
Diagnostics	Light indicators and handheld display
Audit Trail	Up to 4,000 events
Disability Feature	RCU readers required to interface with automatic power operated doors for special openings
Privacy Override	Emergency keycards

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 ANSI/BMHA 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: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. Listed for up to 3 hours on metal doors and up to 45 min on wood doors
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

Warranty

Standard Warranty	Two years
Support Programs	dormakaba Service Plans (Platinum, Gold, Silver)