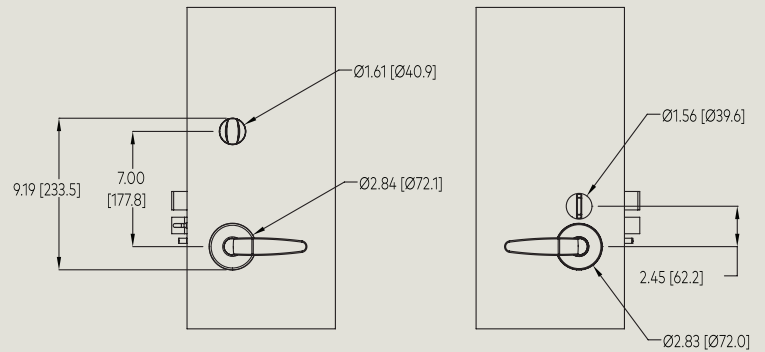


Quantum Pixel



The Future of Multihousing Design

Quantum Pixel is the newest addition to the Quantum Series. It is a modern, ANSI/BHMA Grade 1 certified, door hardware locking solution featuring high-performing RFID security, a minimalist two-piece design and features a tamper resistant design with a solid steel one-inch deadbolt. Pixel is distinguished by having electronic components concealed within the door, creating a more engaging entrance.

Access for the Mobile-Minded

Pixel is mobile enabled utilizing Bluetooth Low Energy (BLE), through BlueSky, our cloud-based mobile access application, property managers can turn a smart device into an authorized mobile credential providing simple and secure access to apartments, common and amenity areas and perimeter. BlueSky is available for both iOS and Android smart devices allowing for deployment across multiple properties.

Community™ Access Management Software

Our state-of-the-art access management software offers credential management flexibility with multiple username/password levels, detailed system audit reports, and customizable credential programming. Based on feedback from leading multihousing developers and operators, community software offers an easy to use, web-based multiplatform solution providing centralized auditing and enhanced reporting features.

Applications

Ideal for multihousing projects in order to meet the rising demand for greater digitization, security and convenience. It can deliver intuitive, interactive technology to provide safe and secure access throughout their entire property.

Warranty

- Standard 2-year

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 
Available Finishes	Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Satin Nickel, 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
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Lock Operation

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
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)
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
Lockout Mode	Set by authorized keycard or Messenger LENS system
RFID Credentials Specifications	- Mifare Ultralight C: Guest Keys - Mifare DESFire: Guest and Staff Keys (DESFire EV3 2k, DESFire EV2 4k, DESFire EV3 4k, DESFire EV3 8k) - Mifare Plus: Guest Keys (Mifare Plus 1k), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mini), Staff (Classic 1k, Classic 4k)
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 keys

Certifications & Testing

Accessibility Standard	Complies with 2010 ADA Standards for Accessible Design – Art. 309.4 (Operable Parts). 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	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: GYQS.R18481 "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, 1 hour on composite fire doors, and 1/3 hour on wood core 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
IP rating	IP54