

Quantum Pixel

Smart Electronic RFID lock



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.

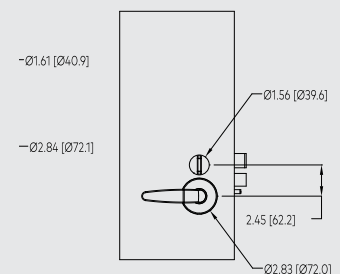
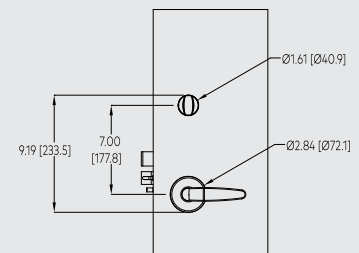
Community™ Access management software

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.



Factsheet

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)

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

Lock operation

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|---------------------------------|---|
| 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 | Two credential format options available: Mifare Classic or Mifare Plus - Mifare Plus: Resident Keys (Mifare Ultralight C, 7 Byte UID), Staff Keys (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 keys |

Certifications & testing

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|------------------------------------|---|
| 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 2-year |

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Any questions? We would be happy to advise you.

Contact us at: 1-800-265-6630