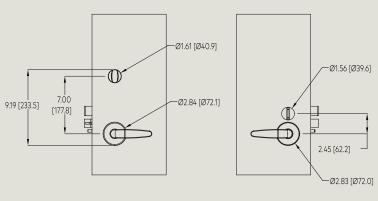
dormakaba

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

Lever ADA Compliant. Standard levers ovailable Apgee Arc Continental Elevan Gala Troy Available Finishes Bright Chrome, Bright Bross, Sann Chrome, Satin Bross, Satin Nickel, Dark Mahagamy, Black Door Infelness 1.38° (\$5.1 mm.) is 30° (72 mm.) was done with a dark of the standard	Mechanical Features	
Factory-handed martise (left, right, left reverse, right reverse) ADA Campliant. Standard levers available	Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Apagee Arc Continental Elevan Gala Troy Available Finishes Bright Chrome, Bright Ross, Sotin Chrome, Sotin Bross, Sotin Mickel, Dark Mohogamy, Black Door Thickness 138" (351 mm) 251" (77 mm), Wood or metal doors Lacking Options ANSI lack case with 11 lack front mortise, Option: Standard, Door Ajar and Automatic Deadbolt, Door Ajar Missenger LENS Online Cake Controller Board with Messenger LENS capability DAJ mortise (ANSI lack case) Messenger LENS Online Lack controller Board with Messenger LENS capability DAJ mortise (ANSI lack case) Mabile Access Option (BLE) BEL ready? BLE enabled Upgradeable to BLE with BLE module / BLE module included, no further upgrades needed Lock Operation Batteries Alkaline - Four AA battery pack Bottery life is up to 2 years Law bottery indicator; alerts staff that batteries need to be changed soon Date/Time Stamp Real-time, date and hours/minutes Interrogation Cabitan key usage reports from the lack by using a handheld unit at the daor, or increase efficiency by performing a remate Interrogation with Messenger LENS (spatienal) Reycards Canfigurable expiration dates and can be made up to 10 days in advance without canceling current or arming govers. Passage Made Set by authorized leyorard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passager model from Set by outhorized leyorard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passager model from Minne DESFire Coust Keys (Minne Plus 15); high Keys (Minne Plus 51, Minne Plus 52), Minne Plus 524, DESFire EV3 4k, DESFire EV3 4k, DESFire EV3 8k) - Minne Destination of headers and configured to interface with automatic power operated doors for special openings Privacy Operated Legic indicators in reader Logic book Light indicators and handheld display Audit Trail Up 16 4,000 coemts Disaphility Feature RCU readers required to interface with automatic power operated doors for special openings Privacy Operated Lemegency keys Certifica	Reader Cover	Polycarbonate. Color: black, white
Apagee Arc Continental Elevan Gala Troy Available Finishes Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Sotin Nickel, Dark Mahagany, Black Boor Thickness 138° (35.1 mm) to 3.0° (77 mm). Wood or metal closs Lacking Options ANSI look case with "look from mortise, Options Standard, Doer Ajar or Automatic Deadbolt, Doer Ajar Messenger LENS Ready DAJ mortise (ANSI look case) Messenger LENS Ready Messenger LENS Ready DAJ mortise (ANSI look case) Messenger LENS Ready Messenger LENS Ready Messenger LENS Ready Messenger LENS Conline Look controller board with Messenger LENS capability DAJ martise (ANSI look case) Mabile Access Option (BLE) BLE ready / BLE enabled Upgradeable to BLE with BLE module / BLE module included, no further upgrades needed Look Operation Batteries Alladine - Fair AA battery pack, Battery life is up to 2 years Low battery indicators clarts staff that batteries need to be changed soon Date/Time Stamp Real-lame, date and hours/minutes Interrogation Obtain key urage reports from the look by using a handhold unit at the door, or increase efficiency by performing a ramoto Interrogation using Messenger LENS (optional) Keycards Configurable expiration dates and can be made up to 10 days in advance without cancelling current or arriving guests Passage Mode Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined post-age mode time Lookout Made Set by authorized keycard or Messenger LENS system. A loffer of Plus Clays. - Mifrer Delias Clays. - Mifrer	Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Available Finishes Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Satin Nickel, Dark Mohogany, Black Door Thickness 1.38" (35.1 mm) to 3.0" (77 mm). Wood or metal doors ANSI lock case with "lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar Online Configurations Messenger LENS Ready DAI mortise (ANSI lock case) Messenger LENS Combine Lock controller board with Messenger LENS capability DAJ mortise (ANSI lock case) Mobile Access Option (BLE) Bit Fready / Bit Eenabled Upgradeable to Bit E with Bit E module / Bit E module included, no further upgrades needed Lock Operation Botteries Alkoline - Four AA bottery pack; Bottery life is up to 2 years Low bottery indicator: alerts staff that botteries 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 cancelling current or arriving guests Fassage 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 ERID Credentials Specifications - Mirar DESFire Cuest and Staff Keys (DESFire EV3 &, DESFire EV3 &, DE	Lever	ADA Compliant. Standard levers available
Available Finishes Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Satin Nickel, Dark Mohogany, Black Door Thickness 1.38" (35.1 mm) to 3.0" (77 mm). Wood or metal doors ANSI lock case with "lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar Online Configurations Messenger LENS Ready DAI mortise (ANSI lock case) Messenger LENS Combine Lock controller board with Messenger LENS capability DAJ mortise (ANSI lock case) Mobile Access Option (BLE) Bit Fready / Bit Eenabled Upgradeable to Bit E with Bit E module / Bit E module included, no further upgrades needed Lock Operation Botteries Alkoline - Four AA bottery pack; Bottery life is up to 2 years Low bottery indicator: alerts staff that botteries 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 cancelling current or arriving guests Fassage 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 ERID Credentials Specifications - Mirar DESFire Cuest and Staff Keys (DESFire EV3 &, DESFire EV3 &, DE		
Available Finishes Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Satin Nickel, Dark Mohogany, Black Door Thickness 1.38" (35.1 mm) to 3.0" (77 mm). Wood or metal doors ANSI lock case with "lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar Online Configurations Messenger LENS Ready DAI mortise (ANSI lock case) Messenger LENS Combine Lock controller board with Messenger LENS capability DAJ mortise (ANSI lock case) Mobile Access Option (BLE) Bit Fready / Bit Eenabled Upgradeable to Bit E with Bit E module / Bit E module included, no further upgrades needed Lock Operation Botteries Alkoline - Four AA bottery pack; Bottery life is up to 2 years Low bottery indicator: alerts staff that botteries 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 cancelling current or arriving guests Fassage 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 ERID Credentials Specifications - Mirar DESFire Cuest and Staff Keys (DESFire EV3 &, DESFire EV3 &, DE		
Door Thickness 188" (351 mm) to 30" (77 mm). Wood or metal doors Lacking Options ANSI lack case with 1" lock front mortus, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar Messenger LENS Ready DAJ mortise (ANSI lack case) Messenger LENS Online Lack controller board with Messenger LENS capability DAJ mortise (ANSI lack case) Messenger LENS Online Lack controller board with Messenger LENS capability DAJ mortise (ANSI lack case) Mobile Access Option (BLE) Bit ready / BLE enabled Upgradeable to BLE with BLE module / BLE module included, no further upgrades needed Lock Operation Batteries Alkoline - Four AA bottery pack; Battery life is up to 2 years Low bottery indicator: alerts staff that botteries 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 Fassage Mode Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined possage mode time Lockout Mode Set by authorized keycard or Messenger LENS system FEID Credentials Specifications - Mirare DESPire: Guest and Staff Keys (DESPire EV3 &, DESPire EV3 &, Mifare Plus S		Apogee Arc Continental Elevan Gala Troy
Lacking Options ANSI lock case with 1" lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar Online Configurations Messenger LENS Royd Messenger LENS Quby 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 Batteries Alkaline - Four AA bottery 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 quests 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 REFID Credentials Specifications - Mirare Utralight C. Guest Keys - Marare Utralight C. Guest Keys - Marare Utralight C. Guest Keys - Marare Districtions (Coust Keys (Mifore Plus 1k), Staff Koys (Mifore Plus 2k, Mifore Plus 5 k, Mifore Plus 5 k), Mifore Plus 5 k, Mifore Plu	Available Finishes	Bright Chrome, Bright Brass, Satin Chrome, Satin Brass, Satin Nickel, Dark Mahogany, Black
Online Configurations Messenger LENS Ready 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 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 cancelling 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 outhorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time Lockout Mode Set by outhorized keycard or Messenger LENS system. FinD Cradentiols Specifications "Infirer Discisers Guest Keys (Minifer Plus 1S), Staff (Classic 1k, DESFire EV2 4k, DESFire EV3 8k) (DESFire EV3 8k) - Miffare DESFirer, Guest Keys (Minifer Plus 1S), Staff (Classic 1k, Classic 4k) Light indicators in reader Diagonistics Light indicators and handheld display Audit Trail Up to 4,000 events Diability 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 Ports). Lock shall be properly aligned with the mortise or latch and must be instant and for Electricine Condition instructions and the ADA Standards and Regulations applicable for each facility, to be able to fulfill compliance with ADA requirements.	Door Thickness	1.38" (35.1 mm) to 3.0" (77 mm). Wood or metal doors
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 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 Reol-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 armiving guests Passage Mode Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode ime Lockout Mode Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode ime Lockout Mode Set by authorized keycard or Messenger LENS system RPID Credentials - Miffare Districtions of Staff Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Classic: Quest Keys (Miffare Plus S 1k, Miffare Plus S 2k, Miffare Plus S 4k) - Miffare Clas	Locking Options	ANSI lock case with 1" lock front mortise, Option: Standard, Door Ajar or Automatic Deadbolt, Door Ajar
BLE ready / BLE enabled 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 Red-Lime; 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 with large guests 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. REID Credentials Specifications - Mifare Plus Guest Keys (Mifare Plus RI), Staff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 8k) - Mifare Plus Guest Keys (Mifare Plus RI), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic Guest Keys (Mifare Plus RI), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) Light indicators in reader Diagnostics Light indicators and handheld display Audit Trail Up to 4,000 events Diagnostics 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 lotted and must be installed strictly according to the full information and Regulations applicable for each facility, to be able to fulfill compliance with ADA Standards and Regulations applicable for each facility, to be able to fulfill compliance with ADA requirements. BHMA/ANSI Grade One performance tests for AASI/AHA A156.13 - 217 "American Alational Standard for Electrified Locking Devices." (Only locks tested and approved by non-bicated third-porty test lob are allowed in the "BHMA Certified Products Directory" found at www.bulldershardvera.com) Fire Rating UL, Listing: O'93-Rill&Bill Tel	Online Configurations	
Botteries Alkaline - Four AA battery pack; Bottery life is up to 2 years Low battery indicator: alerts staff that batteries need to be changed soon Real-time, date and hours/minutes 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. Lockout Mode Set by authorized keycard or Messenger LENS system. Alfare Ultralight C: Guest Keys - Mifare Ultralight C: Guest Keys - Mifare Disc Guest Keys (Mifare Plus System) - Mifare Disc Guest Keys (Mifare Plus System) - Mifare Plus Guest Keys (Mifare Plus IR), Stoff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 4k) - Mifare Plus Guest Keys (Mifare) - Mifare Disc Guest Keys (Mifare) - Mifare D	Mobile Access Option (BLE)	
Alkaline - Four AA battery pack; Battery life is up to 2 years Low battery indicator; alerts staff that batteries need to be changed soon 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 Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time Set by authorized keycard or Messenger LENS system. Can also be configured to perform an automated/pre-defined passage mode time RFID Credentals Specifications Alfaire Utralight C: Guest Keys - Mifare DESFire Cuest and Stoff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 8k) - Mifare DESFire: Guest and Stoff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 4k) - Mifare DESFire: Guest Keys (Minia), Stoff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Minia), Stoff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Minia), Stoff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Minia), Stoff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Minia), Stoff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3	BLE ready / BLE enabled	Upgradeable to BLE with BLE module / BLE module included, no further upgrades needed
Changed soon	Lock Operation	
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 (aptional) 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. Can also be configured to perform an automated/pre-defined passage mode time RFID Credentials - Inflare Ultralight C: Guest Keys - Niffare Plus fly the Constitution of	Batteries	
Interrogation using Messenger LENS (aptional) Keycards Configurable expiration dates and can be made up to 10 days in advance without canceling current or arriving guests 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 - Mifare Ultralight C: Guest Keys Specifications - Mifare Ultralight C: Guest Keys Specifications - Mifare DESFire: Guest and Staff Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 4k, DESFire EV3 8k) - Mifare Plus: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 2k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Mifare Plus IK), Staff Keys (Mifare Plus S 1k, Mifare Pl	Date/Time Stamp	Real-time; date and hours/minutes
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 **Private Military Commonship Commo	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)
Lockout Mode Set by authorized keycard or Messenger LENS system - Mifare Ditrolight C: Guest Keys - Mifare Plus: Guest Keys (DESFire EV3 2k, DESFire EV3 4k, DESFire EV3 8k) - Mifare Plus: Guest Keys (Mifare Plus 1k), Staff Keys (Mifare Plus 5 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Plus: Guest Keys (Min), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Min), Staff Keys (Mifare Plus S 1k, Mifare Plus S 2k, Mifare Plus S 4k) - Mifare Classic: Guest Keys (Min), Staff (Classic 1k, Classic 4k) Feedback Light indicators in reader Diagnostics Light indicators and handheld display Audit Trail Up to 4,000 events Privacy Override RCU readers required to interface with automatic power operated doors for special openings Frivacy 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 AT56.13 - 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 108 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 FCC Part 15 Class A and CE directive 2014/53/EU compliant Environmental Operating Conditions	Keycards	
PRID Credentials Specifications - Mifare Ultralight C: Guest Keys - Mifare DESFire: Guest and Staff Keys (DESFire EV3 2k, 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 Privacy Override 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," 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 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	Passage Mode	
Specifications - Mifare DESFire: Guest and Staff Keys (DESFire EV3 2k, 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/BHIMA A156.13 - 2017 "American National Standard for Mortise Locks and Latches," and A156.25 - 2013 "American National Standard for Electrified 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 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: IPS4	Lockout Mode	Set by authorized keycard or Messenger LENS system
Diagnostics Light indicators and handheld display Audit Trail Up to 4,000 events 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 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 Operating Conditions	RFID Credentials Specifications	- 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)
Audit Trail Up to 4,000 events 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	Feedback	Light indicators in reader
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	Diagnostics	Light indicators and handheld display
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 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 Operating Conditions	Audit Trail	Up to 4,000 events
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 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 Operating Conditions	Disability Feature	RCU readers required to interface with automatic power operated doors for special openings
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: GYGS.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 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 Operating Conditions	Privacy Override	Emergency keys
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 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 Operating Conditions	Certifications & Testing	
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	Accessibility Standard	with the mortise or latch and must be installed strictly according to the dormakaba installation instructions and the
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 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	BHMA/ANSI	and A156.25 - 2013 "American National Standard for Electrified Locking Devices." (Only locks tested and approved by non-bi-
Environmental 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 Operating Conditions	Fire Rating	
Operating Conditions	Electronics	FCC Part 15 Class A and CE directive 2014/53/EU compliant
IP rating IP54	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

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