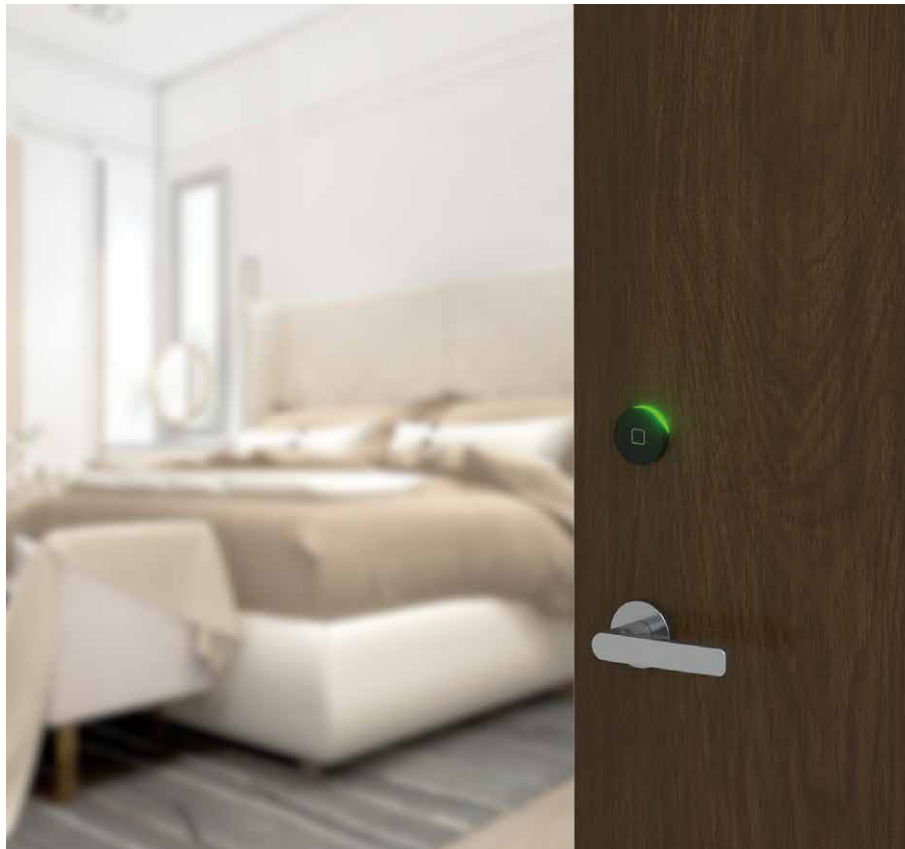


Quantum Pixel⁺

The art of seamless access



Features

- Minimalist design
- Wear resistant construction and finish
- Secure Element (SE) onboard
- Smartphone-enabled features such as Mobile Access via Bluetooth® and NFC wallets for convenient room access and smoother hotel operations
- Supports the latest RFID credentials like guest cards, key fobs and wristbands
- Extensive event memory
- NFC programming and auditing
- Batteries last up to 2 years
- Low battery indicator
- Audit retained with battery changes
- Exterior and ocean front options available
- ANSI & DIN/EURO locking device options
- Automatic Deadbolt Option (ANSI mortise version only)

Seamless access for a better guest experience

Minimalist design. Maximum performance. The Quantum Pixel⁺ electronic door lock ensures a premium and smooth arrival-to-room experience: guests simply tap their mobile wallet key or RFID card, and the lock responds instantly with effortless precision.

With electronics concealed within the door leaf and hardware that pairs with a broad range of rose and lever styles, the door lock blends seamlessly into any hotel décor, supporting a consistent, elevated guest experience throughout the property.

The result is a high-performance, premium door lock solution that combines sleek design, advanced technology, and robust security for an exceptional guest stay.

Next-generation technology with RFID and mobile access solutions

With built-in RFID, NFC, and Bluetooth® Low Energy, the Quantum Pixel⁺ door lock supports RFID keycards, mobile keys, and digital wallets, allowing guests to use their smartphone as a key for a convenient check-in and a seamless stay.

Additionally, with the Ambiance Enhanced Security feature guests and staff are ensured secure, encrypted credential access at every access point.

Manage access with ease in Ambiance™

The Quantum Pixel⁺ lock is supported by dormakaba's Ambiance™ Access Management System, available as either an on-premises or cloud-based solution. Ambiance provides a comprehensive range of access control workflows for hotel guests

and staff. For remote management, choose Ambiance™ RX or Ambiance™ RX-Link, providing centralized control and enhanced operational flexibility.

Applications

- Built for interior, exterior, and oceanfront applications
- Suitable for small to large-scale hotels
- Ideal for new projects or door replacements
- Retrofitting previous generation Quantum Pixel

Choice of lever designs, finishes and rose options

Selecting the appropriate lever design and finish plays a key role in defining a property's overall aesthetic. Beyond providing security, the right lever and finish can enhance the look and feel of your space, creating a welcoming and stylish environment.

Our electronic locks for hospitality are available with a broad range of ADA-compliant lever designs and architectural finishes, allowing seamless coordination with virtually any building's interior concept – from contemporary to classic.

Rose options		 Traditional ANSI rose imperial			 Modern ANSI rose imperial			 EURO rose		
		Diameter: Ø 2.83" (72 mm) Thickness: 0.61" (15,5 mm)								
					Diameter: Ø 2.50" (63,4 mm) Thickness: 0.24" (6 mm)			Diameter: Ø 2.1" (54 mm) Thickness: 0.4" (9 mm)		
Choice of finishes		 SC	 SS	 BC	 SB	 MB	 BK	 OZ	 SN	
Lever options (by compatible rose and finish)		Satin Chrome (Standard)	Satin Stainless	Bright Chrome	Satin Brass	Matte Black	Black	Dark Mahogany	Satin Nickel	
Emery					 	 				
Emery-Return					 	 				
Elevon		 		 	 			 	 	
Gala		 		 	 			 	 	
Mori										
Quebec										
Kewell										
Continental										
Troy										

Mechanical features

Description	A sophisticated access solution that blends an ultra-minimalist aesthetic with high-performance, mobile-forward technology to ensure your security never competes with your design.	
Handing	Factory-handed mortise. Left, Right, Left Reverse, Right Reverse.	
Backsets	ANSI: Standard 2 3/4" (69.9 mm)	DIN/EURO: 55 and 65 mm available
Door thickness	ANSI: 1.75" (44 mm) standard. Configurations up to 3.15" (80mm) available.	DIN/EURO: 40–55 mm mm standard. Thick door kits available up to 100 mm.
Door applications	Available with wooden-tuned and metal-tuned reader.	
Spindle	ANSI: 7/14" Standard (Only)	DIN/EURO: 9 mm Standard (Only). 9 to 8 mm step-down spindle available for customer provided levers
Weight	Approx. 8.0 lbs (4 kg)	
Construction	Reader: Polycarbonate (PC) and Polycarbonate/Acrylonitrile Styrene (PC/ASA).	Levers: Brass, zinc, or satin stainless
Locking options	ANSI: 1" (25.4 mm) squared forend plate. Options: automatic deadbolt, door ajar	DIN/EURO: 20 mm rounded forend plate, 15.5 mm cutout for mortise lock Options: half-profile cylinder compatibility.
Controller case options	ANSI: 1" (25.4 mm) squared forend plate	DIN/EURO: 22 mm rounded forend plate, 20 mm cutout for controller case

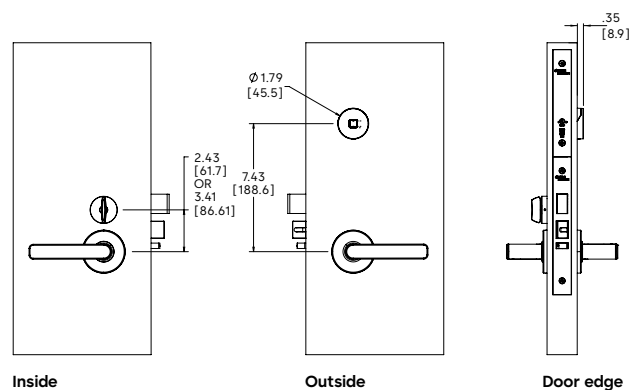
Operational features

Connected configurations	Online Ready Standard. - ANSI Online Enabled: Door ajar mortise required. Additional module required. - DIN/EURO Online Enabled: Additional module required.
Mobile Access options	Supports mobile devices via Bluetooth® (smartphone apps) or digital wallets via NFC.
RFID credentials	- All credentials include configurable expiration dates, which can be set automatically based on the check-out date or manually during key creation at check-in. To ensure credential security, Ambiance Enhanced Security must be enabled on all compatible locks and firmware. - RFID Credential Compatibility: Supports MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2, and MIFARE DESFire® EV3 credentials. - Supports RFID keycards, fobs, and wristbands.
Date/time	Real-time; date and hours/minutes.
Interrogation	Obtain key usage reports via handheld unit at the door; Alternatively, increase efficiency by performing a remote interrogation via Ambiance RX or RX-Link with a connected lock.
Feedback & diagnostics	Light indicators on the reader; Programming unit can be used for robust diagnostics. Low battery indicator alerts staff that batteries need to be changed.
Audit trail	4,000-event audit with local (programming unit) or online (connected lock) retrieval.
Privacy override	Emergency key and electronic override. DIN/EURO Only: Optional mechanical key override.
Batteries	Alkaline—dormakaba provided battery pack; battery life up to 2 years.
Passage mode	Set by authorized keycard or online system. Can also be scheduled for pre-determined times.
Lockout mode	Set by authorized keycard or online system.

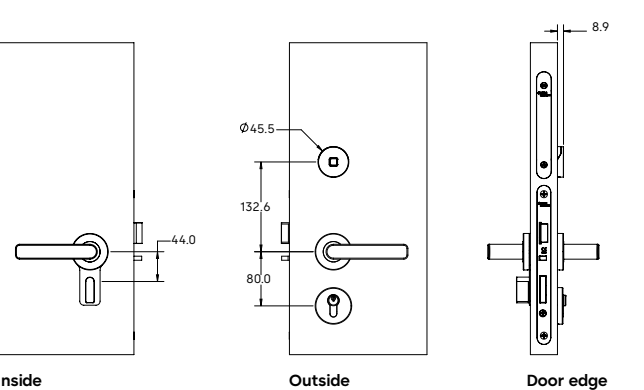
Certifications, testing & warranty

Accessibility standard	ANSI: 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. DIN/EURO: Emergency exit: EN 179 (in combination with Emery-R lever handle).
Mechanical standards	ANSI: Certified to be compliant with Grade One performance tests for ANSI/BHMA A156.13 -2022 "American National Standard for Mortise Locks and Latches," and A156.25 - 2023 "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) DIN/EURO: Emergency exit: Building hardware: EN 14846: 3 S 5 D 0 H 3 1 2; Designed per DIN 18251:2020 for standardized fitting and interchangeability. Ü marked product according to DIBt abZ approval.
Fire standards	ANSI: U.L. Listed: 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. EN 1634-1 30 minutes. DIN/EURO: Fire & Smoke Certified: EN 1634-1 (EI1-60/EI2-90) and EN 1634-3 smoke control.
Ingress protection	IP54
Electronics standards	FCC Part 15 Class A and CE directive 2014/53/EU compliant, Environmental operating conditions, EMC Directive 2014/30/EU.
Environmental Product Declaration and compliance	- EPD as per ISO 14025 and EN 15804+A2. Publisher: Institut Bauen und Umwelt e.V. - REACH, ROHS, Prop 65, and TSCA. 
Environmental operating conditions	- Indoor side: 32 °F to 151 °F (0 °C to 66 °C) - Outdoor side: -31 °F to 151 °F (-35 °C to 66 °C) 0 % to 85 % non-condensing humidity at 86 °F (30 °C)
Standard warranty	Two years
Support programs	Comprehensive support programs are tailored by region to ensure local expertise and rapid response. Please contact your regional representative for program details and availability.

ANSI lock version
dimensions in inches [mm]



DIN lock version
dimensions in mm



Note:
The information provided on this sheet is intended for general reference only. Availability, features, and specifications may vary by country. For more information, please contact your local representative.
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Any questions? We will be happy to assist you.