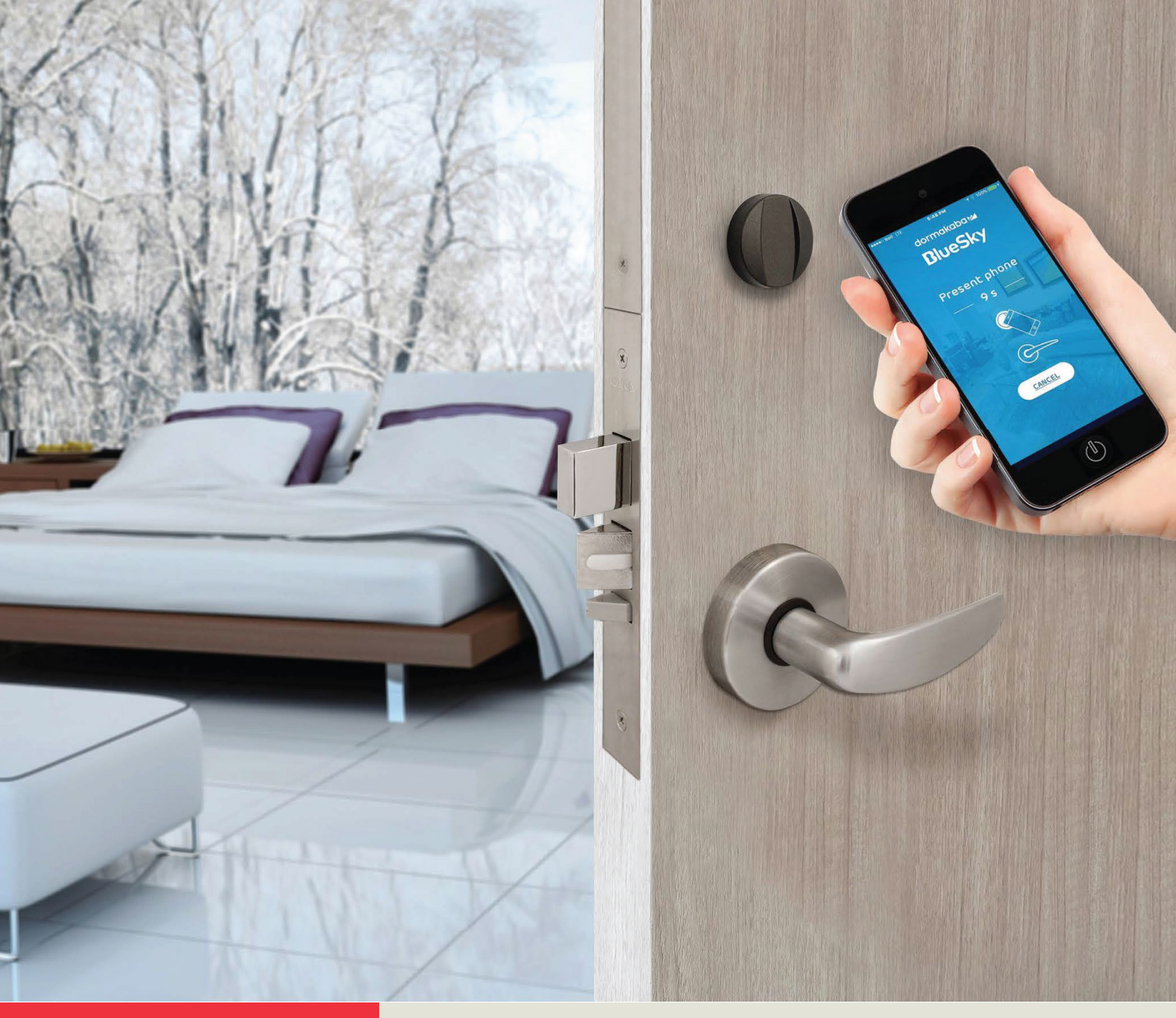


Lodging Systems

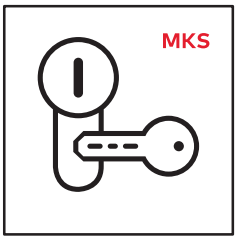
Access Management Systems
Mobile Access Solutions
Electronic Hotel Locks
Perimeter Access
Back of House Access Management
Auxiliary Products

dormakaba

Two strong global brands –
Dorma and Kaba – have combined forces
to offer smart & secure access solutions.

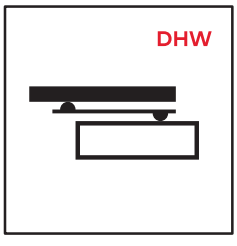
dormakaba

Access Solutions



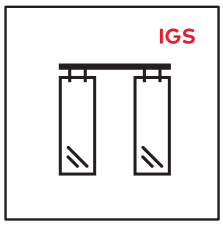
Mechanical Key Systems

Optimal security with flexible allocation of access rights – for the best possible control, low costs and greater convenience



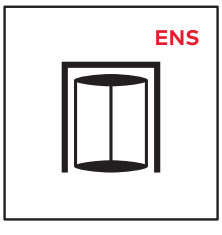
Door Hardware

Long-life, attractive door technology solutions – for greater on-site convenience, easy assem-bly and reliable functionality from a single source.



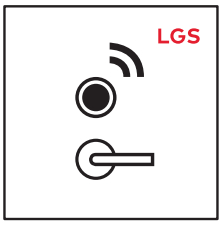
Interior Glass Systems

High-quality system solutions made from glass – for a wide range of everyday and office applications.



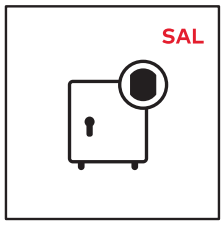
Entrance Systems

Automated access solutions – for convenient, automated building access.



Lodging Systems

Hotel locks and locking systems as well as access management solutions for holiday homes – for reliable yet convenient and efficient protection of all kinds of property.



Safe Locks

Security locks – for optimal protection of goods, valuables, information or hazardous substances against unauthorized access.

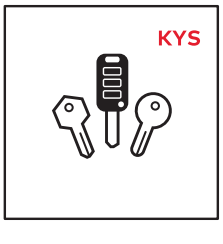
Electronic Access & Data

Electronic access control and workforce management – for efficient access management, security and data collection.

Services

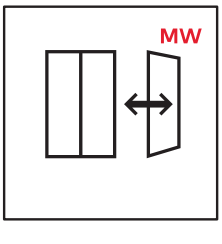
Tailor-made services and customized maintenance – for the long-term functional integrity of all types of access and security solutions.

Further Products



Key Systems

Key blanks and key-cutting machines as well as automotive solutions ranging from vehicle keys up to programming devices – for every access situation.



Movable Walls

Flexible, efficient partition wall solutions – for individual space configuration in hotels, conference centers, studios and other venues.

dormakaba now offers you a comprehensive portfolio of smart and secure access solutions, including everything from locks and keys to a fully networked electronic access doors to movable walls - all from one, reliable source.

All supported by a comprehensive service network.

www.dormakaba.com

Table of Contents
Lodging Systems

01 **Access Management Systems**

- 1.1 Ambiance Access Management Software
- 1.2 Saflok System 6000
- 1.3 Saflok Messenger Lens
- 1.4 Secure Shift Advanced

02 **Mobile Access Solutions**

- 2.1 Bluesky Access

03 **Electronic Hotel locks**

- 3.1 Saflok Quantum Pixel
- 3.2 Saflok Concierge SR Series
- 3.3 Saflok Quantum Series
- 3.4 Saflok Quantum III
- 3.5 Saflok-ILCO Confidant (ANSI)
- 3.6 Saflok-ILCO Confidant Kit 1-2-3
- 3.7 Saflok MT Series
- 3.8 Saflok RT Series
- 3.9 Saffire LX

04 **Perimeter Access**

- 4.1 Saflok SR Series (RCU-ECU)
- 4.2 Saflok Multi-floor Controller (MFC)
- 4.3 Saflok Quantum RCU-ECU

05 **Back of House Access Management**

- 5.1 Kaba exos 9300

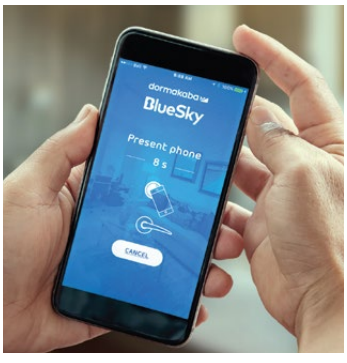
06 **Auxiliary Products**

- 6.1 Kaba Credentials

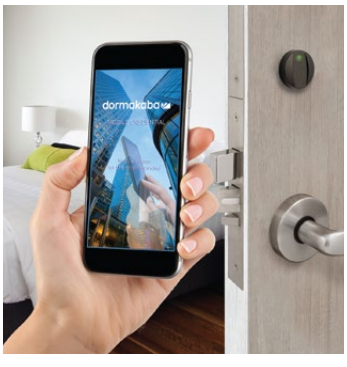
INDEX

LODGING SYSTEMS

01 Access Management Systems



02 Mobile Access Solutions



03 Electronic Hotel Locks

04 Perimeter Access

05 Back of House Access Management

06 Auxiliary Products

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001
UKAS MANAGEMENT SYSTEMS 001

Welcome to dormakaba Lodging.

We are dormakaba!
The merger of DORMA and Kaba has strengthened our Saflok and Ilco brands. From this position of strength, we will dedicate more resources to research and development and continue to innovate lodging systems that build excitement to make access in life smart and secure.

Your trusted partner.

The globalization of our industry has created a strong network of partnerships pushing our diverse portfolio into high-profile projects from The Strip to Singapore. Our partnerships stretch beyond that of a trusted supplier, we also extend support to our industry associations that advocate the advancement of hotel services and the business interests of the hotelier.

Aria, Las Vegas
The Aria hosts Saflok Messenger LENS to offer guests a personalized Smart Room experience.

dormakaba

Discover operational freedom and enhance the guest experience.

At the heart of our approach to providing the hospitality industry with sustainable solutions is our passion for developing concepts that form holistic systems with a high level of control, security and efficiency. We focus on all aspects of hotel operations to run more efficiently, increase guest satisfaction and reduce costs. Technology is the common thread in successful hotel operations optimizing guest experiences. Today's traveler has adopted a mobile mindset and seeks a more personalized experience to satisfy their individual accommodation preferences.

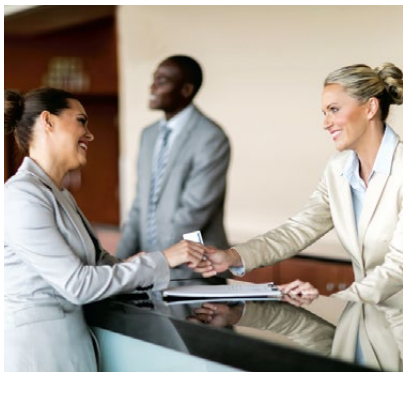
Saflok and Ilco have grown to match both the lifestyle of discerning guests and innovative practices of the hospitality industry. All products are meticulously engineered, designed, assembled and tested in North America to meet BHMA Grade 1 Certification standards. The circuit boards that drive our hotel locks are manufactured in-house under the scrutiny of dormakaba product engineers to assert our products deliver the highest quality achievable. As a result, our guest-centric solutions comprise technologies that merge security with convenience to enhance the guest experience while affording properties operational freedom.

As a pioneer of access management software, electronic locking systems and mobile access, we continue to redefine hotel services. Our brands add value to all hotel properties seeking to offer guests a safer environment and a more personalized experience.

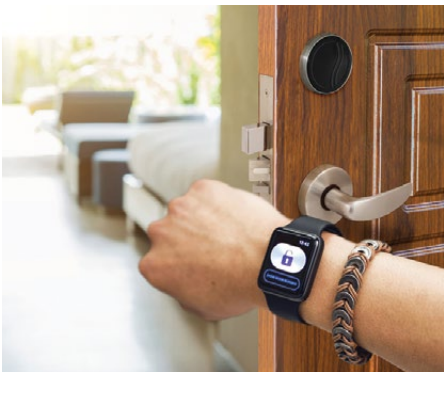
Marina Bay Sands Hotel, Singapore
Our Saflok solution creates an environment unlike any other.

Saflok Quantum Pixel
The Saflok Quantum Pixel is distinguished by advanced technology concealed within the door.

Transform guestroom access for a new level of convenience.



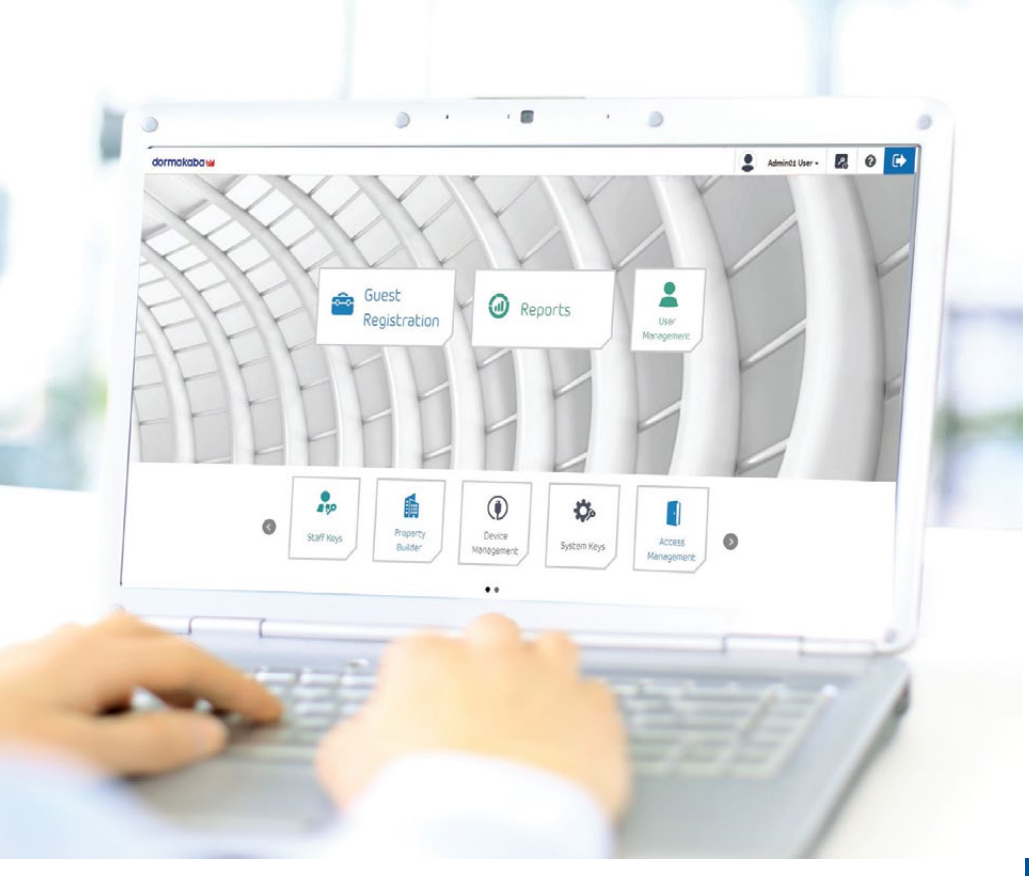
Your overall mobile strategy integrated with dormakaba technology delivers a more personalized and interactive guest experience.



dormakaba Saflok and Ilco hotel locks are mobile enabled. Hoteliers seeking to improve operational efficiency choose dormakaba for exceptional performance, scalability and flexible deployment options.

The Ilco and Saflok product brands offer a selection of locking options and access control systems to connect guests with your hotel. From limited service properties, to deluxe destination resorts, dormakaba leads the lodging industry in developing and implementing total-enterprise security for guestroom doors and public spaces, that include radio-frequency identification (RFID), wireless online systems, smart room and energy management interfaces and now, secure Mobile Access Solutions.

Our electronic hotel locks and access management systems provide security, efficiency and convenience. Every locking system operates as either stand-alone or online, integrating seamlessly with the hotel's Property Management System (PMS) to create a secure environment and positive guest experience.



dormakaba

Ambiance™ Access Management Software

dormakaba introduces Ambiance, the next generation access management software solution. Developed to be operating system and hardware flexible, Ambiance offers the ability to be deployed on a mobile device or traditional workstation without usability loss due to its HTML5 architecture. Backed by a library of web services and Application Program Interfaces (API), the software has been designed to easily interface with third party tools such as your Property Management System (PMS).

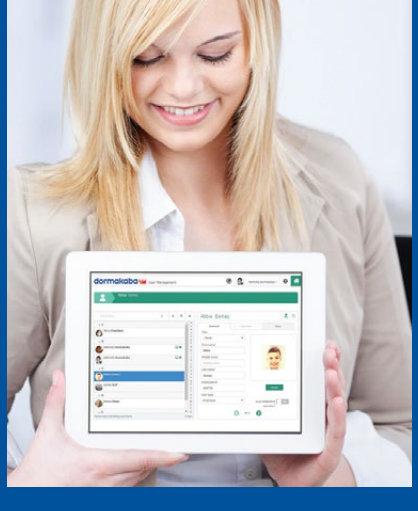
Application
Make changes in minutes and manage Ambiance locally: property configuration, user and staff management, access management and scheduling are now easier to control than ever before. Configure and change your access controls to meet your property needs.

Whether you are managing one desk or one thousand, Ambiance provides **Performance, Scalability, Efficiency.**

Deploy Ambiance your way:
dormakaba offers flexible deployment options to meet your particular needs and IT resources.

Discover our out-of-the-box, installation package. Let dormakaba take care of all your access control needs while you take care of your guests.

Features•
- Bluetooth enabled
- Multi-site property management
- Access scheduling
- Staff scheduling
- Elevator, meeting rooms, common areas & amenities access management
- Configurable roles & user profiles
- Active directory user controls
- Real-time monitoring
- Advanced reporting



For Future Consideration.

System Benefits

- An expandable solution to meet your needs: Ambiance will help increase your ROI
- From flexible out-of-the-box hosted solutions to personalized on-site solutions
- Robust library of web services to integrate to your third party software for real-time connectivity
- Layered architecture to ensure scalability without performance issues
- Minimizing configuration and set up to minutes instead of hours
- Flexible hardware and operating system solutions to meet your decor and budget
- Supports fast training and ease of use
- Compatible with most dormakaba Lodging locking systems, including BLE (Bluetooth Low Energy) electronic locks

Property Management

Easily manage your property configurations to reflect your brand and apply your default settings to your guests' stay. Define elevator controls, peripheral access points, guest check in/out, default key expiry (guest & staff), amenities, pre-registration defaults and failsafe keys in case of power outage.

Guest Registration

Integrate to your property management software or use Ambiance's guest registration module to manage your guest keys. Quickly manage your guest access services from pre-registration, to check in to check out. Manage amenity access, provide additional keys and modify access with only a click or two.

Staff Access Management

Be in full control of your staff access. User role management and creation ensures that only authorized users have access to their defined features when using the Ambiance solution. Manage staff member property access using staff profiles, scheduling and automated common area access management. Key status is also easily managed through Ambiance with a selection of system keys that disable specific key instances, perform access point diagnostics, disable all non-emergency keys, cancel current guest access and enable/disable passage mode.

Audit & Reporting

Ambiance features full key and lock auditing and reporting. Simple key readback is available within the software solution and full lock auditing is available using dormakaba's maintenance unit. (included). Know who, when and where access any given point with a few simple clicks.

dormakaba

Saflok System 6000™

Saflok System 6000 is a windows-based access management software capable of interfacing with your existing property management system (PMS), and is customizable to suit your property's specific needs.

System 6000 provides the security of an access audit system, the ultimate in key management flexibility and superior control throughout your property. It is compatible with all Saflok lock models such as Quantum Series, MT series, RT, adese and Confidant RFID.

Application

- Access management scheduling for both guests and staff
- Supports elevator, common area and perimeter access management

Features

- Supports mobile access through Saflok RFID BLE (Bluetooth Low Energy) locks
- Multiple user profiles to ensure secure access.
- Quick key read back and replacement features for lost and found cards
- Couple with dormakaba's Messenger LENS for an online/real-time room management solution
- Integrates to a variety of third party solutions including PMS, POS, energy management and self-check-in kiosks
- Extensive reporting library including key creation, user/group authorizations, and much more.
- Securely programs and encodes keycards and accessories

System Benefits

- Access key identification, verification and interrogation
- Interrogates smart, memory and Mifare Classic (4 byte NUID) 1K/4K keycards and other media
- Produces reports of up to 1,000 of the most recent uses with detailed information (user and authorization, transaction history, lock and key interrogation)
- Allows access programing to open multiple rooms with one keycard or mobile device
- Allows fully-customized access to specific areas or floors for both guest and staff
- Lock Passage mode programing available for perimeter access
- Restricts access to guest keycard/ mobile device after check -out date
- Seamlessly integrates with dormakaba mobile access solution, allowing guests to receive their room key on their mobile device prior their arrival and bypass the front-desk check-in process.

System 6000 Plus

This upgradable feature to System 6000 allows properties to implement simple design changes quickly and easily:

- Add a new lock
- Remote key encoding: enables keycard encoding from a remote location, facilitating check-in and allowing guests to receive their room keys prior to arrival
- Creates access keys for large groups of guests (convention, wedding, etc.) weeks ahead of time for specific dates of stay

RFID Keycards and Media

System 6000 Accessories

RFID Encoder

Handheld

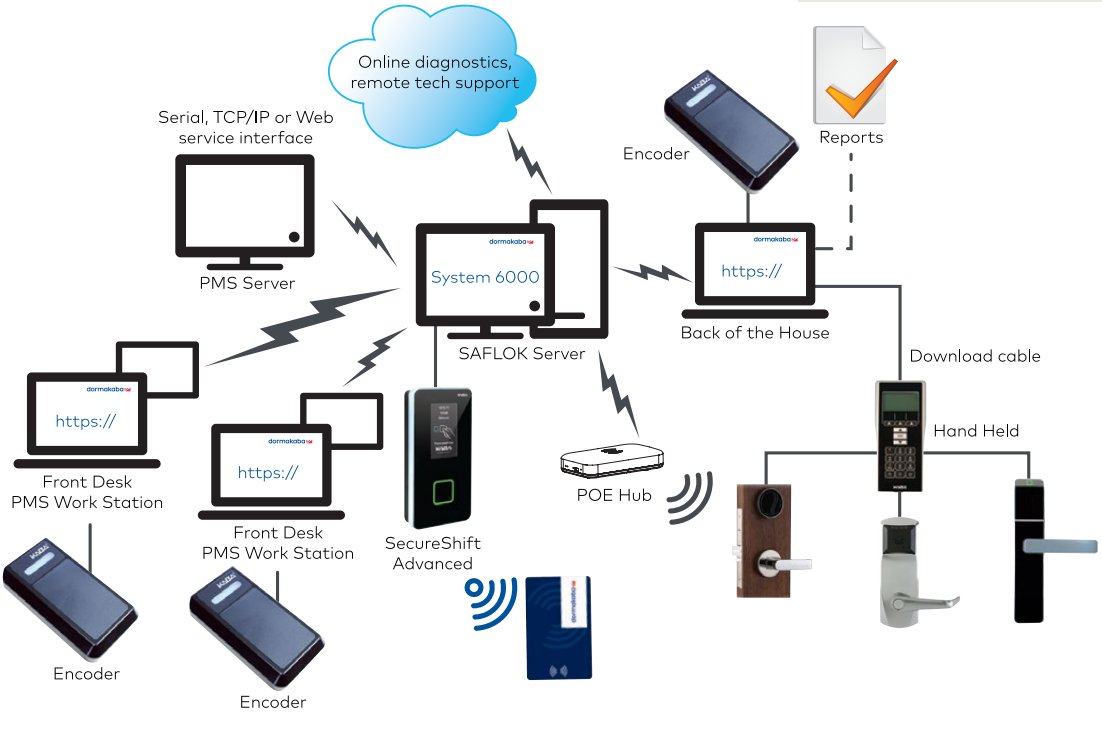
RFID Locks

RT

MT

Confidant

Quantum Series



dormakaba

Saflok Messenger LENS™

The Saflok Messenger LENS is a wireless online system, ideal for hotels seeking the ultimate in security and guest experience while maximizing operational efficiency. The wireless online system offers a two-way communication between the front desk and the hotel's electronic locks. Messenger LENS serves to monitor and manage room door activity. Guests can easily request room moves without having to return to the front desk. Hotels can monitor door activity through notifications sent directly to email and text messaging. Messenger LENS also integrates to third party applications for even greater room management control and flexibility.

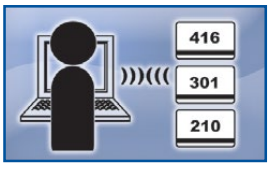
Application
Whether in the traditional Messenger network using the Saflok ZigBee-enabled hubs or in a scenario using third-party systems, Messenger LENS provides adaptable solutions for an enhanced guest experience and hotel monitoring.

Features
- Radio Frequency (RF) communications at 2.4 GHz, which is globally license-free
- Secure networking (128 AES encryption)
- Self-forming networks
- ZigBee Prostack standard (large scale, network stability, resilient)
  - Ideal for large scale properties (thousands of nodes)
  - Asymmetric link handling
  - Network stability even when modes are within close proximity
  - Extended battery life with deep and special parent functions
  - Resilient – ensured by frequency agility
- Messenger LENS subscriber disseminates information to authorize recipients in real time

The Messenger LENS system meets key market needs as the ideal link for sending and receiving real-time messages. With a broad range of functionality, Messenger LENS enhances guest convenience, reduces expenses, and optimizes staff time.

How Does it Work?

1. Send Lock Commands directly from the front desk



Remote Keycard Audits
Remotely interrogate specific locks for keycard usage.

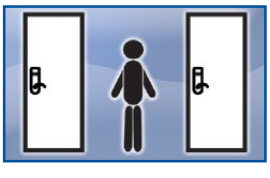
Keycard Replacement
Send a "Cancel Key" message to each lock that was presented with a previous keycard.

Room move
Send a message to the new room door lock to accept the customer's current keycard.

Extend a Guest's Stay
Send a message to the guest room lock to update the access expiration date.

2. Receive Lock Alerts & Notifications

Door Ajar
Be notified when a door has been left ajar and when it returns to its secure position.

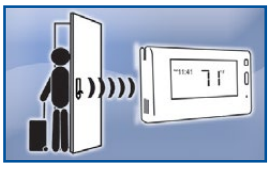


Wandering or Standing Intruder
Receive alerts when a keycard fails on multiple doors or when multiple cards fail on one door.

Low Battery
Receive low battery reports for preventative maintenance.

Room Ready
Send a "Room Clean" message in real time for better room management.

3. Share Lock Information with 3rd Party Systems



Smart Room Automation
Door lock sends a command to the smart hub to adjust in-room amenities such as TV, lights or drapes to a customized configuration depending upon preset guest preferences.

Workflow Management
Door lock communicates with a workflow system that sets up a task for a staff member to complete and close. For example, bringing a bottle of wine when a VIP guest first enters the room.

Messenger LENS in a Smart Room

With Messenger LENS, entering a guestroom becomes a custom experience, tailored to the unique preferences of each guest: adjust lighting levels and powered blinds, set television channels, volume levels and room temperature to satisfy your guest's preferences.

Server to Server Communication
A smart environment can be achieved using Messenger LENS, which leverages the existing network infrastructures to share information between servers. The lock communicates with the in-room devices via the network, making the system reliable and easy to maintain*.

Third-Party Server
Messenger LENS can also be partnered with various third-party coordinators on a ZigBee Prostack-compliant platform to communicate wirelessly with in-room devices*.

*Contact domakaba for compatibility.

RFID Locks

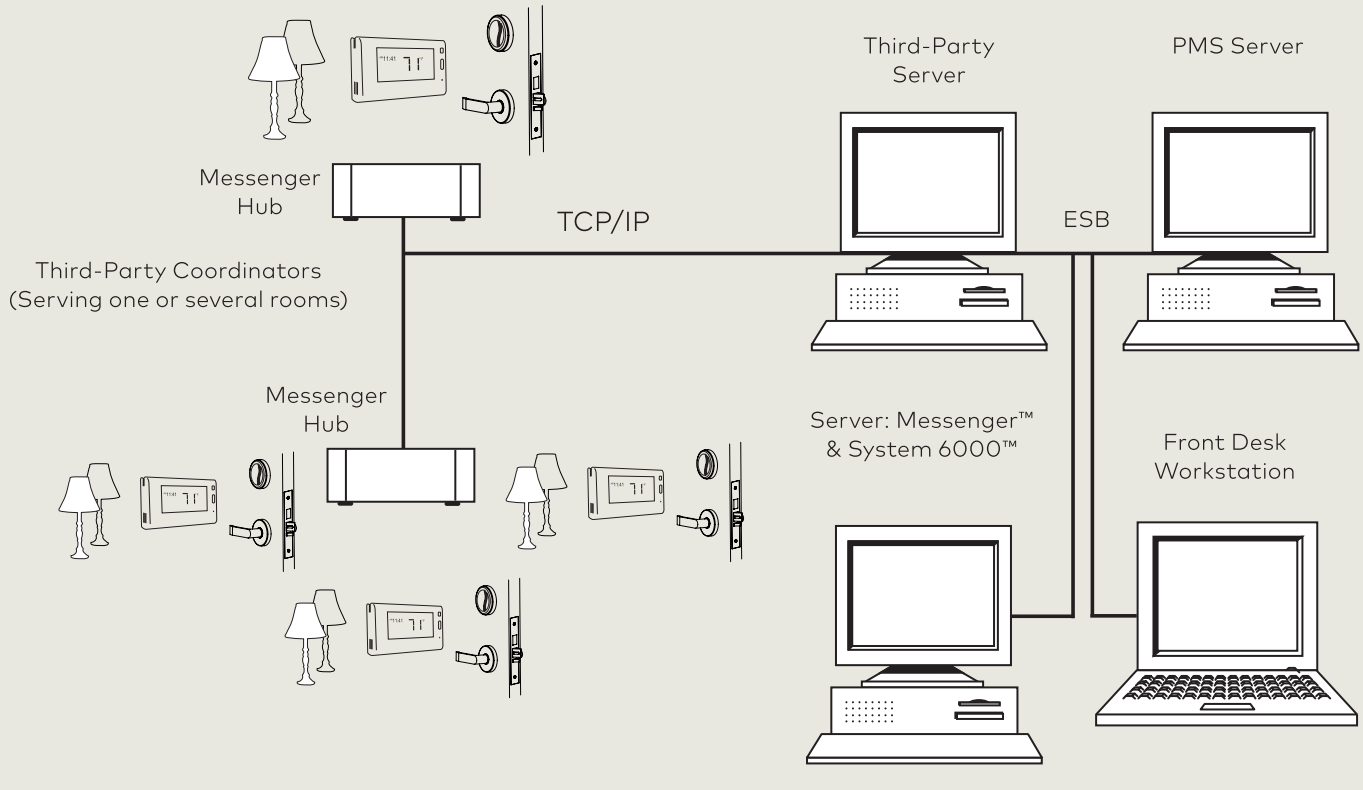
RT

MT

Confidant

Quantum Series

Typical Smart Room Configuration
A housekeeping staff member presents a keycard, and the lock communicates with a third-party hub to turn on all the lights.



Messenger LENS™ Active Subscriptions

Staff Ajar – Short period of time	A Door Ajar event has recently occurred following a staff opening the door
Staff Ajar – Longer period of time	A Door Ajar event has occurred for a long period following a staff opening the door
Guest Ajar – Short period of time	A Door Ajar event has recently occurred following a guest opening the door
Guest Ajar - Longer period of time	A Door Ajar event has occurred for a long period following a guest opening the door
Device Ajar Clear or Door Secure	Notifies when a device has come out of a Door Ajar state before a specified number of minutes
Generic Key Egress	Notifies when someone exits the room and locks the device
Low Battery	Notifies when the battery level in the device is below the normal level or below the level when the battery needs to be replaced
Low Battery Clear or Battery Normal	Device reports: Low Battery Clear or Battery Normal status
Deadbolt/Privacy	Notifies the consumer that the deadbolt (privacy) was thrown
Deadbolt-reset (retracted)	Notifies the consumer when a deadbolt reset (retracted) has occurred
Key Error Canceled	Notifies the consumer when a canceled key (card) is used in a lock
Key Error Other	Notifies the consumer when access is denied for a key (card) for a reason other than key canceled, low battery etc.
Key Error Wrong Room	Notifies the consumer when a key (card) is used on a wrong room
Guest Key Used	Notifies the consumer when a Guest key (card) has been used
Staff Key Used	Notifies the consumer when a Staff Or Non-opening key (card) has been used
New Guest Key Used	Notifies that a new guest has checked into the room
Wandering Intruder	Notifies when a Wandering Intruder is detected
Standing Intruder	Notifies when a Standing Intruder is detected
Door Latched	Notifies the consumer when that a latched command was sent to the door (secure mode) - per configuration
Door Unlatched	Notifies the consumer when that an unlatched command was sent to the door (unlatched mode)
Transaction Failed	Notifies when any of the Messenger-initiated transactions have failed with errors or has timed-out. Following are some different possible transactions: Block/UnBlock Staff or Guest access, Cancel Staff/Guest access, Unlatch or Latch door(s)
Date Time Error	Device reports: Date-time not set or error
Date Time OK	Device reports: Date-time OK must have previously been an error
Device Status Online	Notifies when a previously-offline lock has come back online
Device Status Offline	Notifies when a previously-online lock has gone offline
Key Error Expired	Notifies when an expired keycard is used on a device after key has expired
Paging Keys	Notifies when any paging key is used on a device
Hub Status Online	Notifies when a previously-offline hub has come back online
Hub Status Offline	Notifies when a previously-online hub is offline
Block Guests	Notifies when Block Guest transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Unblock Guests	Notifies when Unblock Guests transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Block Staff	Notifies when Block Staff transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Unblock Staff	Notifies when Unblock Staff transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Cancel Guests (checkout)	Notifies when Cancel Guests or checkout transaction initiated by Messenger or PMS (typically multiple doors) has completed either successfully, with errors, or timed-out
Emergency Lock-out On	Notifies when Emergency Lock-out transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Emergency Lock-out Reset	Notifies when Emergency Lock-out reset transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out
Room Move	Notifies when Room Move transaction initiated by Messenger or PMS (typically multiple doors) has completed either successfully, with errors, or timed-out
Extend Guest Stay	Notifies when Extend Guest Stay transaction initiated by Messenger or PMS (typically multiple doors) has completed either successfully, with errors, or timed-out
Send Firmware ARM	Notifies when Send Firmware for lock motherboard was transaction initiated by Messenger (typically multiple doors) and completed either successfully, with errors, or timed-out
Send Firmware AVR	Notifies when Send Firmware for transceiver board was initiated by Messenger (typically multiple doors) and completed either successfully, with errors, or timed-out
Send Firmware ZPRO S	Notifies when Send Firmware for ZigBee Prostack firmware was initiated by Messenger (typically multiple doors) and completed either successfully, with errors, or timed-out
Send Wake-up Interval	Notifies when Send Wake-up Interval transaction initiated by Messenger (typically multiple doors) has completed either successfully, with errors, or timed-out

SAFLOK
Secure Shift Advanced

dormakaba

Overview

When combined with Saflok System 6000, Secure Shift Advanced offers a detailed approach to managing employee access, time and attendance and facilitates efficient employee key control.

The compact, robust design makes it ideal for easy wall mounting, even in the busiest of places. The simple, intuitive user interface means that management can implement efficient and effective key control without complex procedures.

Features

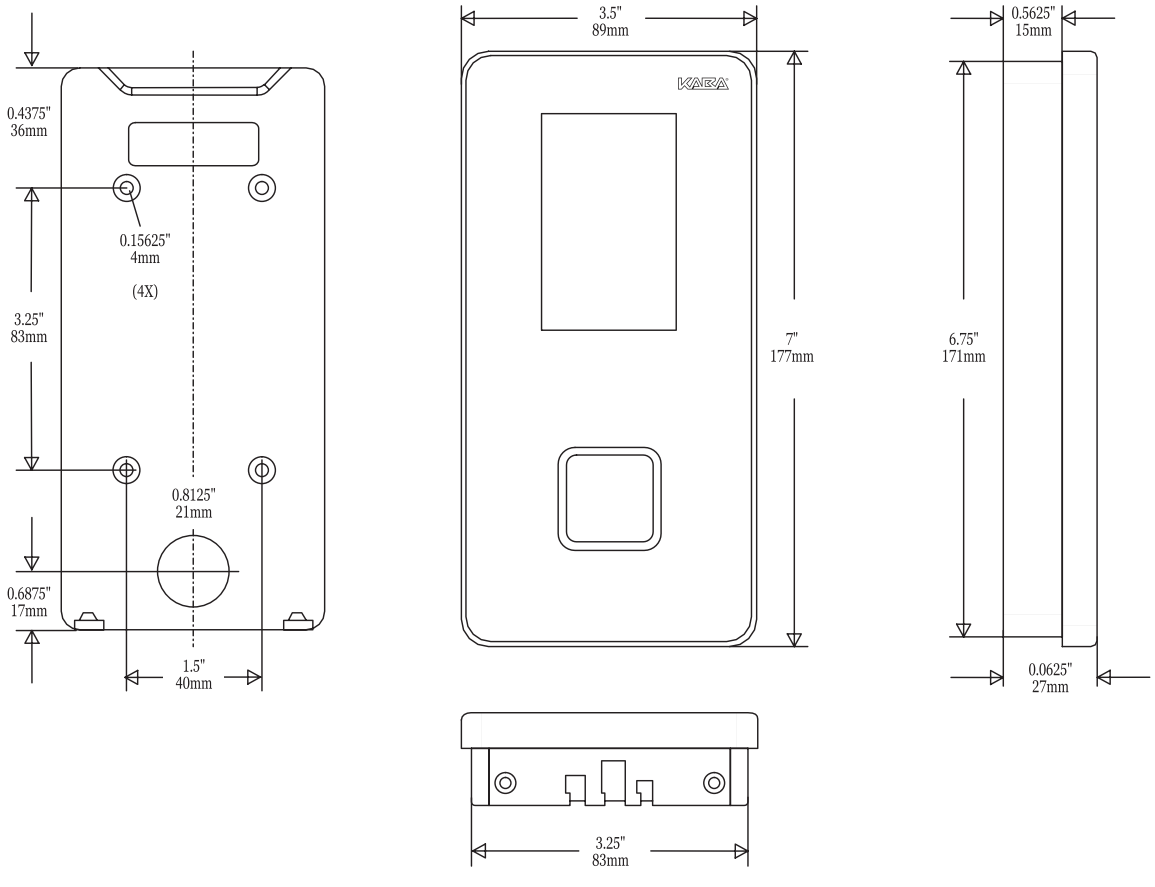
Secure Shift Advanced offers online lock features without requiring a lock communications backbone. Messages are passed to and from Secure Shift Advanced units and the Saflok locks via the keycards. The Secure Shift Advanced units communicate continuously with the property's Saflok System 6000™:

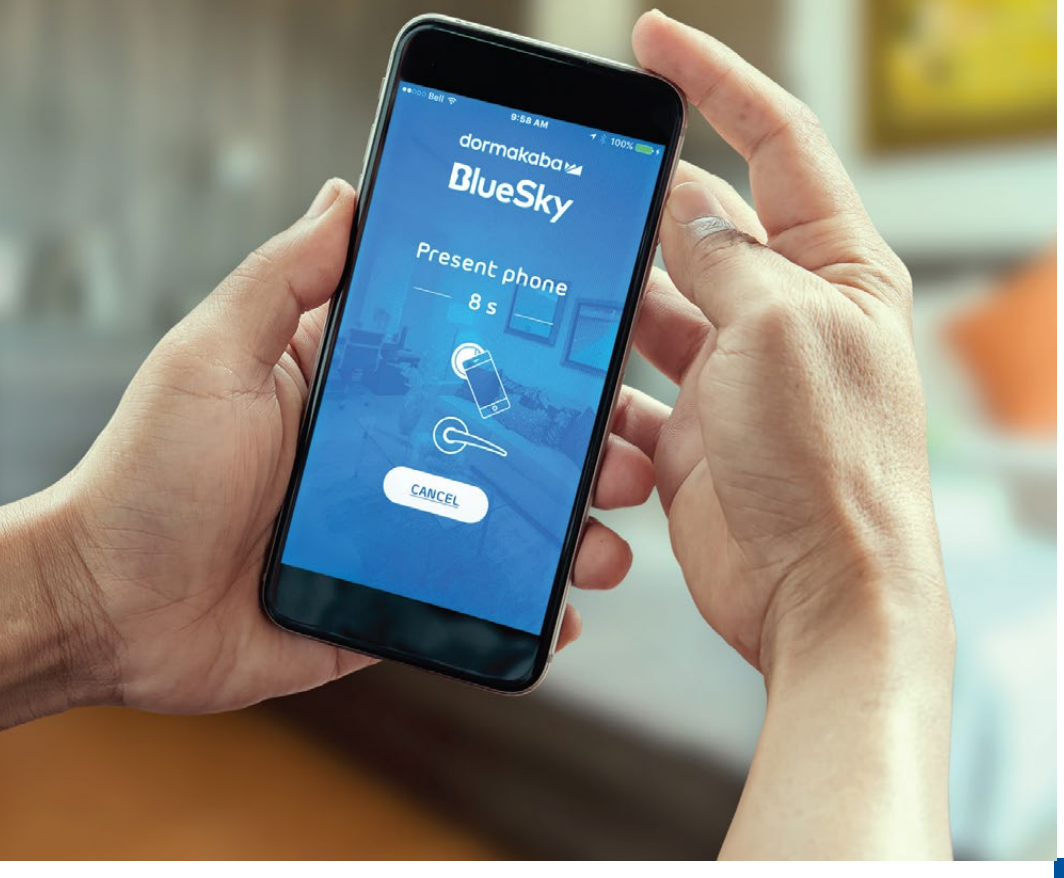
- Staff card synchronization (refresh of access rights and schedules on the staff key automatically upon clock-in)
- Remote card cancellations (individual or group)
- Send alerts/messages to employees as they clock-in
- Automatically deactivates key upon employee clock-out
- Time and Attendance interface
- Automatic audit-trail when presenting staff card to station
- Lock status Alerts/Notifications
- Password protection (user defined)

Components

Power Supply	Standardized isolated PoE Power supply available for Non POE configuration
Credentials	Compatible keycard technologies: Mifare Classic, Ultralight C, MifarePLUS Secure Shift Advanced Login credentials: PIN and Card
Communications	Standardized Ethernet(10/100 Mbps) connection
Display	3 inch capacitive color touch screen with a resolution of 16 bits and 400x240 pixels The display is equipped with a capacitive touch panel (5 points multi-touch) covering the whole active area of the display.
Wall Mounting	LED Reader indication of RFID unit has to be illuminated white/green/red/yellow colors Wall mounting plate is metal, burnished and black colored Secure Shift Advanced must be secured with at least 2 screws on the wall mounting plate The wall mounting plate includes a clearance for an alternative cable exit

Dimensions





dormakaba

BlueSky Access

Mobile Access Solutions

Overview
BlueSky Access, dormakaba's cloud-based mobile access key delivery application that combines security and convenience. The app is available to download on both iOS and Android smart devices and can be deployed across any property to create a simplified guest experience, while also streamlining hotel operations.

Applications
dormakaba's Ilco and Saflok Bluetooth Low Energy (BLE) enabled electronic locks are the foundation for the transition to BlueSky mobile access.

Once the BlueSky app has been downloaded, guests are able to receive their room key on their smart device allowing access to authorized areas throughout the hotel property: guestrooms, perimeter access points and common areas. Upon arrival they can bypass the front desk and go straight to their room.

Focus on Security
The BlueSky app includes dormakaba's SDK (Software Development Kit), developed and secured by LEGIC Connect, renowned globally for highly-secure communication and identification.

Benefits
- Capable of being deployed across multiple properties
- Ilco/Saflok BLE enabled RFID locks seamlessly integrate
- Flexible, scalable and sustainable with comprehensive service and support programs

Developed and powered by dormakaba

Convenient, reliable and secure for both the property and guest, BlueSky is a secure, end-to end mobile credential application utilizing Bluetooth Low Energy (BLE), the preferred communication technology for dormakaba mobile enabled RFID hotel locks. BlueSky seamlessly integrates with the hotel's electronic locking system providing a state-of-the-art, cloud-based platform to securely issue and manage keys on popular mobile operating systems.

Secured by LEGIC Connect

dormakaba's BlueSky key delivery app is enabled via LEGIC Connect. The LEGIC Connect service operates in a highly-secure and scalable data center and ensures that the deployment of electronic keys remains in the background, while operations at the front desk carry on.

Make mobile access a reality

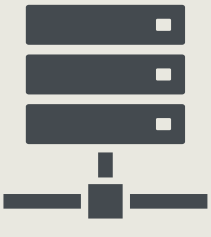
With BlueSky, guests have the option to bypass the front desk check-in process, proceed directly to their room and move freely about the property using their mobile device to access any public area in the hotel requiring a room key. Saving time for guests and staff alike is a key element and driving force behind any hotel's mobile strategy.

Ilco and Saflok Bluetooth Low Energy (BLE) enabled RFID locks allow access to authorized users simply by placing their mobile device with the BlueSky app near the RFID reader. The BLE module reads the BlueSky access key, communicates with the property management network, and determines whether the unique, encrypted code conveyed by the mobile device is on an approved "pass" list. Once confirmed, access is allowed, and the event is recorded for audit purposes.

1

Property Management System Interface
The mobile credential request is pushed from the PMS to the dormakaba key server.

2



dormakaba Key Server
dormakaba key server creates and sends the mobile credential to LEGIC Connect.

3

Legic Connect
LEGIC Connect administers the security and authenticates guests. The only information sent to the cloud is guest stay information and unique mobile identification.

4

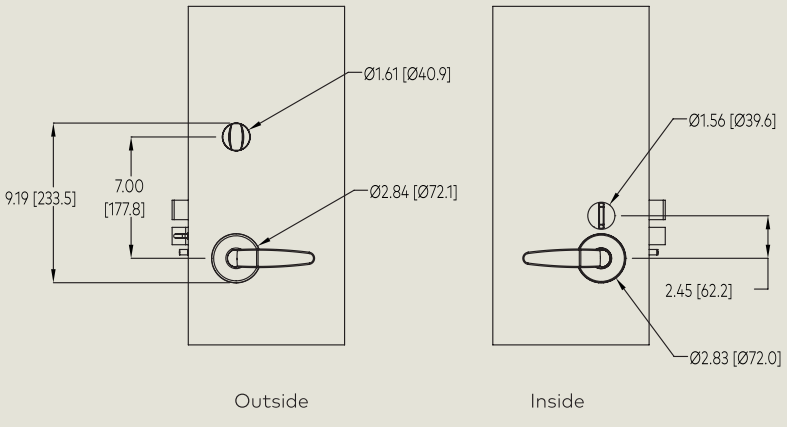
BlueSky Access
Once the guest has received notification and downloads the app, the mobile key is received by the app on the guests mobile device. Upon arrival, guests can proceed straight to their room.

5

Saflok Electronic Lock
The guest presents their mobile phone to the lock. The BLE module housed in dormakaba hotel locks communicates with the guests mobile device allowing access to their room.

Saflok Quantum Pixel

dormakaba



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 door 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 Apogee Arc Continental Elevon Gala Troy	
Deadbolt	1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt	
Door Thickness	1.75" (44.45 mm) to 3" (76.2 mm). No mortise offset, no rabbeted 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 BLE enabled	Upgradeable to BLE with BLE module 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

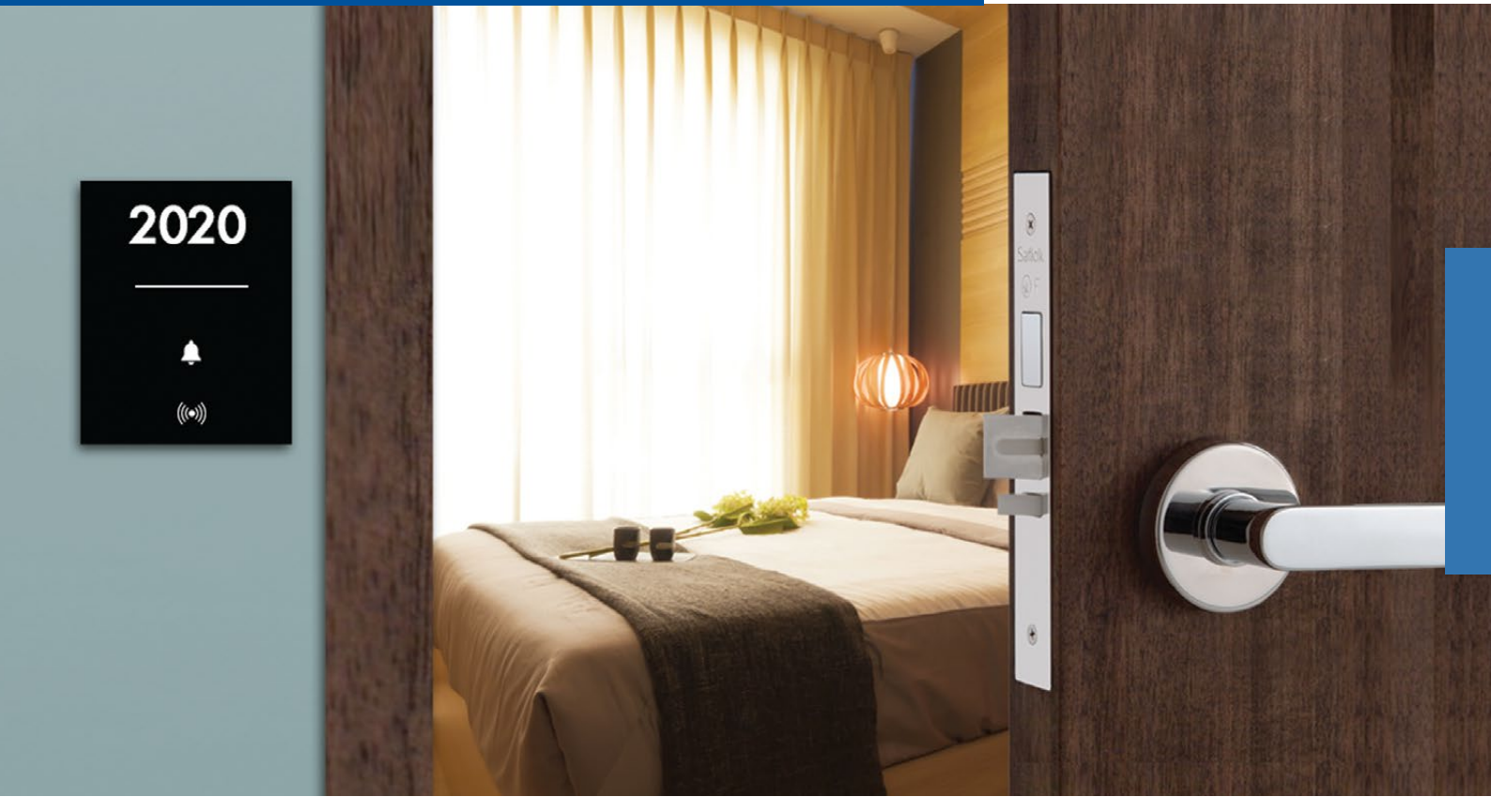
Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI	Grade One performance tests for ANSI/BHMA A156.13 - 2017 "American National Standard for Mortise Locks and Latches," and A156.25 - 2013 "American National Standard 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)

Saflok SR Series RFID

dormakaba



The Saflok SR Series reader is a device that operates access control throughout the property from guestroom to perimeter access such as elevator, parking entrances, or any other door requiring an electric strike or electro-magnetic lock. Offering a sleek minimalist design that will suit any property décor, the SR Series functions with the Windows-based Saflok System 6000 and the online wireless system, Saflok Messenger Lens. The device is available in three different models to suit any property's needs.

Perimeter access applications:

- SR1: the reader is installed on a surface mount or on an aluminum door frame.
- SR2: the reader is installed using a flush mount wall plate, available in various finishes

Guestroom applications:

- SR3: the reader is installed behind a third party decorative wall plate

SR1

SR2

SR3

Saflok SR1 and SR2 Readers

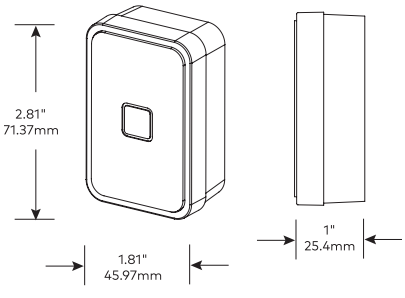
dormakaba

Saflok SR1 and SR2 readers operate perimeter access hardware such as elevator, parking, entrances or any other door requiring an electric strike or electro-magnetic lock.

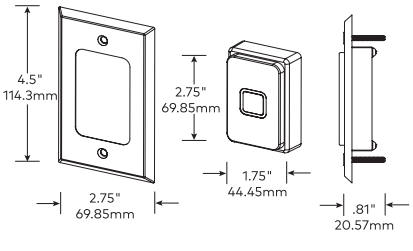
SR1 is installed on a surface mount or on an aluminum door frame.
SR2 is installed using a flush mount wall plate, available in various finish options

Applications:
The SR1 and SR2 models are ideal for perimeter access points (elevator, parking entrance, outdoor swimming pool) and locking devices (electric strike, magnetic lock)

Features:
- Improved tamper resistance
- Ability to easily integrate into any System 6000™ design
- Environmentally sealed contactless smart card reader protects against climate extremes, which is an especially vital feature for common access readers placed in external building and exit device applications
- Compatible with Messenger LENS
- Optionally equipped with the Messenger™ transceiver for centralized access control
- LED lights displayed behind acrylic reader lens
- Contactless smart card reader uses industry-standard
- Contactless smart card reader leverages Mifare Classic or Mifare Plus credentials
- Programmable auto latch/unlatch feature eliminates need for manual dogging
- Auditable entries/attempts
- Selectable master key access
- Restricts access to guest keys after check-out date
- BLE options (soon available)



Reader and Controller Box Dimensions:
- Single Metal Gang Box: 3.03"H x 3.51" D x 1.97" W (76.96 H x 89.15 D x 50 W mm)
- Metal Controller Box: 3"H x 3.5"D x 3.77" W (76.2 H x 89 D x 95.76 W mm)
- Plastic Controller Box: 4-1/8"H x 2-29/32" D x 4-5/32" W (104.78 H x 73.82 D x 105.57 W mm)



Reader Dimensions and Weight:
- Contactless Reader (Surface Mount):
- 1.81" W x 2.81" H x 1" D (46 W x 71 H x 25 D mm), 0.1 lbs (0.05 kg)
- Contactless Reader (Flush Mount):
- 1.75" W x 2.75" H x .81" D (44W x 70 H x 21 D mm), 0.2 lbs (0.10 kg)

Specifications:
- Voltage: 12-24 VAC or VDC
- SPDT 5A@30VDC relay with common, normally open and normally closed contacts

Certification:
- Certified to the UL294 standard
- Certified to the CSA 22.2 No. 205 standard
- Interfaces with fire panels meeting NFPA 101 fire access alarm standard
- Meets FCC and CE requirements

Warranty:
- Standard Factory Warranty: two years
- Extended Warranty: dormakaba Service Plans (Platinum, Gold, Silver)

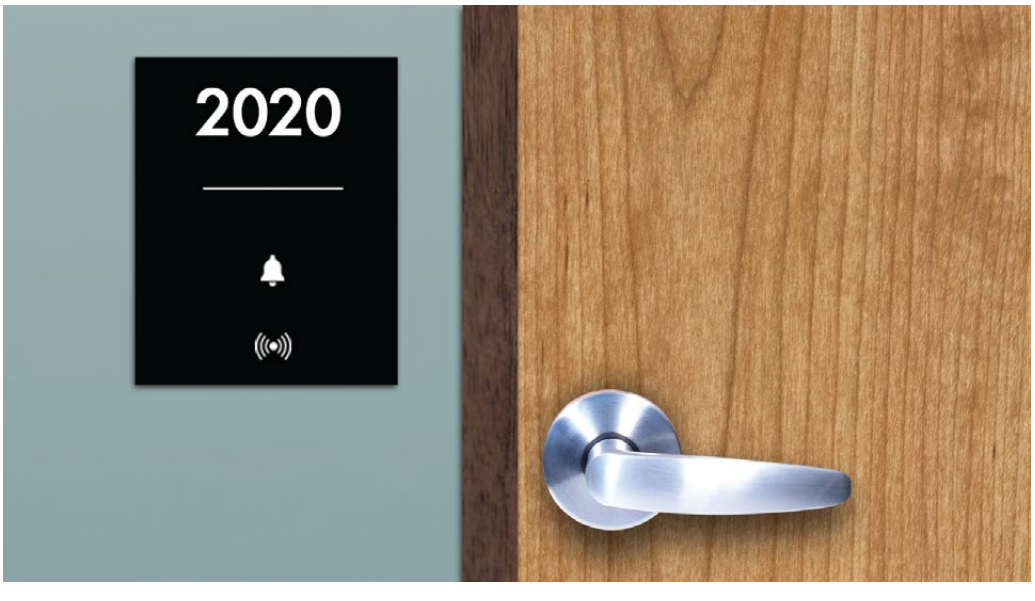
Saflok SR3

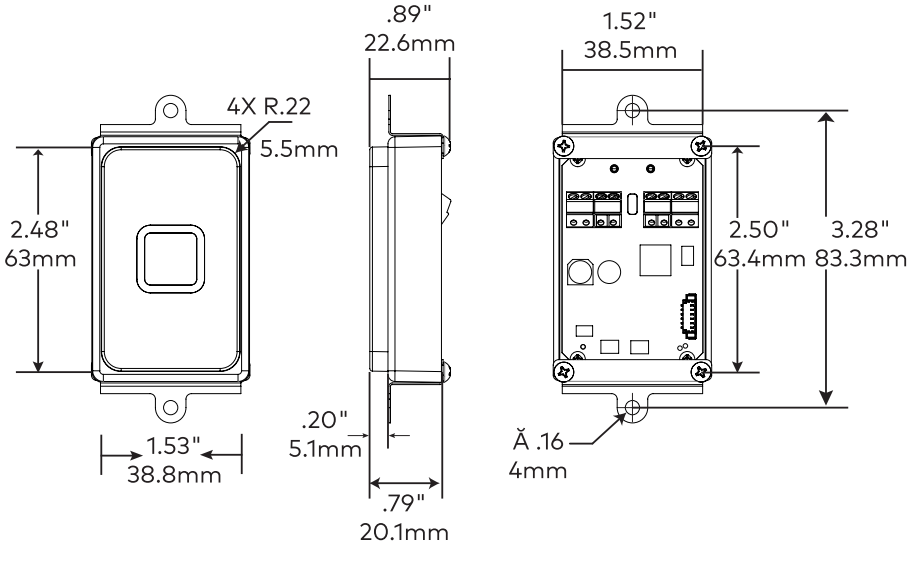
The Saflok SR3 model is a lock kit that provides flexibility to properties seeking an elegant, unique design for guestrooms. This solution allows designers to install the SR Series RFID reader behind a third party wall plate, while fitting customized lever sets and privacy thumb turn hardware on the door. The SR3 solution provides a minimalistic solution without requiring a full bodied lock or RFID reader on the door.

Options:
Properties opting not to use a third party plate, are offered the flexibility to get the SR1 or SR2 readers visible on the wall.

Applications:
The SR3 is ideal for guestroom solutions and new construction projects.

Features:
- Contactless smart card reader leverages Mifare Classic or Mifare Plus credentials
- 1" solid deadbolt (optional auto deadbolt)
- High security and tamperproof design
- Staff monitoring - Keycard audits
- Tracking mortise for door ajar reporting
- Compatible with Messenger LENS





Locking Mechanical Features

Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Lever	A large selection of Kaba custom levers available
Door Thickness	1 ¾" (44.5mm) to 2 ⅛" (53.98mm) for standard product
Standard Finishes	Flush mount (SR2 Concierge): Satin Chrome, Satin Brass, Dark Mahogany, Black, Bright Chrome, Bright Brass, Brown, Ivory, White
Standard Backset	2 ¾" (69.9mm) from door edge to lever
Locking Options	ANSI lock case with 1 ½" or 1" lock front mortise Option: Standard Door Ajar
Online Configurations	Messenger Ready DAJ mortise (ANSI lock case) Messenger Online Lock controller board with Messenger capability - DAJ mortise (ANSI lock case)

Reader Operation

Date/Time Stamp Interrogation	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 (optional)
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling 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.
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted Feedback	Mifare Classic keycards (4 byte NUID) Light indicators in reader
Diagnostics	Light indicators and handheld display
Audit Trail	Up to 4,000 events)
Disability Feature	RCU readers interface with automatic power operated doors for special openings
Privacy Override	Emergency keycards
Specifications	Voltage: 12-24 VAC or VDC SPDT 5A@30VDC relay with common, normally open and normally closed contacts

Certifications & Testing

Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI (Lever & Mortise)	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13-2005 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25-2007 Standard for Electrified Locking Devices." (Only locks tested and approved by nonbiased third-party test lab are allowed in the "BHMA Certified Products Directory" found at www.buildershardware.com)
Reader	Certified to the UL294 standard - Certified to the CSA 22.2 No.205 standard - Interfaces with fire panels meeting NFPA fire access alarm standard - Meets FCC and CE requirements
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
Environmental Operating	Indoor side: 32°F to 151°F (0°C to 66°C) Outdoor side: -31°F to 151°F (-35°C to 66°C)
Conditions	0% to 85% non-condensing humidity at 86°F (30°C)

Warranty

Standard Factory Warranty	Two years
Extended Warranty	dormakaba Service Plans (Platinum, Gold, Silver)

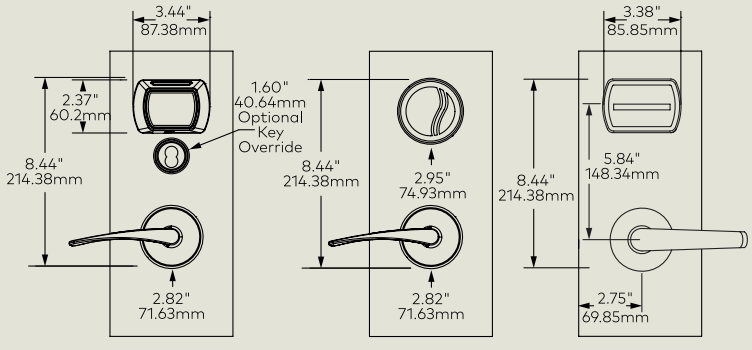
Saflok Quantum™ Series

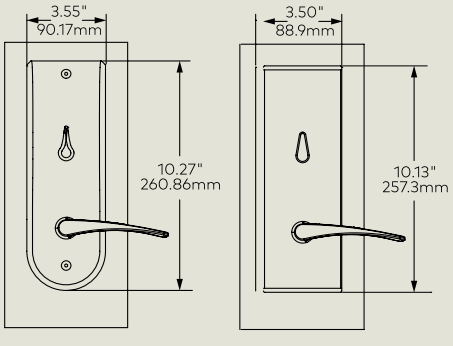
dormakaba

Saflok QuantumII™
RFID

Saflok Quantum™
RFID

Saflok
Quantum™





Overview
The Saflok Quantum lock series offers a unique two-piece modular design with a choice of inside escutcheon look. Synonymous with superior performance, the lock series is renowned for access control, life safety and security. The Quantum Series locks are easy to use and work with dormakaba Access Management Software.

Mobile Access
The Quantum RFID Series are Bluetooth Low Energy (BLE) capable and can operate using the dormakaba Mobile Access Solutions..

Applications
- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks throughout a facility
- Access control for guest rooms, common areas as well as back-of-house

Security Features
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - Keycard audits (RFID and smartcard)
- Tracking mortise for door ajar reporting
- Emergency access: emergency key, mechanical key (QuantumII) and electronic override

Low Maintenance
- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader (RFID only)

Access control management software
The Quantum Series locks are 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 ⅝" (15.9mm) dead-locking latch bolt	
Handing	Factory-handed mortise (left, right, left reverse, right reverse)	
Lever	ADA Compliant Apogee Arc Continental Elevon Gala Troy	
Deadbolt	1" (25.4mm) throw deadbolt and ⅝" (15.9mm) dead-locking latch bolt	
Door Thickness	1¾" (44.5mm) to 2⅛" (53.98mm) for standard product	
Weight	Approx. 8.0 lbs with hardware	
Housing Construction	Escutcheons: Zinc Levers: Brass, zinc, or stainless steel	
Standard Finishes	Bright chrome, bright brass, satin chrome, satin brass, dark mahogany	
Inside Trim Options	Optional ädəse or MT inside escutcheon	
Standard Backset	2¾" (69.9mm) from door edge to lever	
Locking Options	ANSI lock case with 1¼" or 1" lock front mortise Options: automatic deadbolt, door ajar, MKO European lock case mortise (20 x 165 mm) with 20 x 233 mm lock front mortise	
Online Configurations	Messenger Ready	DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon
	Messenger Online	Lock controller board with Messenger capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Messenger module

Mobile Access Options (Quantum RFID Series)

BLE compatible BLE ready BLE enabled	Standard Lock. Upgradable to BLE by adding BLE connector cable, end cap and BLE module Upgradable to BLE with BLE module End cap with 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 (optional)
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling 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 system. Can also be configured to perform an automated/pre-defined passage mode time.
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted	Magstripe, smartcard or Mifare Classic (Quantum RFID and QuantumII) keycards (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 interface with automatic power operated doors for special openings
Privacy Override	Emergency keycards

Certifications & Testing

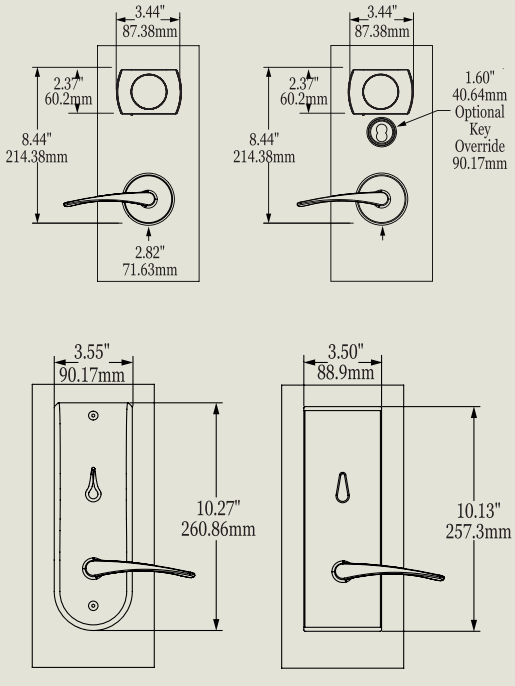
Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A256.13-2012 Standard for Mortise Locks and Latches," and "ANSI/BHMA A256.25-2013 Standard 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	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
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)

Warranty

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

Saflok Quantum III™ (Quantum Series)

dormakaba



Overview

The Saflok Quantum III electronic lock offers a unique and award winning two-piece modular design with an RFID card reader for a sleek look and superior lock performance. Easy to use, the lock works with the Windows-based System 6000™, Messenger LENS™ online wireless system. The Saflok Quantum III accepts Mifare Plus credentials for enhanced functionality. The lock is also able to operate using the Kaba Mobile Key System and can be offered with one of the following Bluetooth Low Energy (BLE) options: compatible, ready or enabled.

Applications

- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks
- Access control for guest rooms, common areas as well as back-of-house Security Features
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - RFID Keycard audits
- Tracking mortise for door ajar reporting (ädəse standard, MT optional)
- Emergency access: emergency key, mechanical key and electronic override

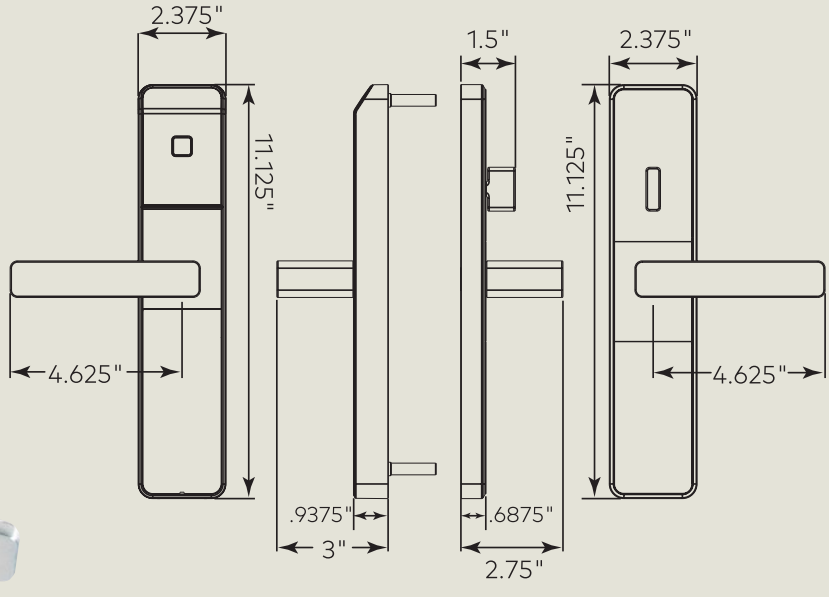
Low Maintenance

- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader

Mechanical Features		
Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and ⅝" (15.9mm) dead-locking latch bolt	
Handing	Factory-handed mortise (left, right, left reverse, right reverse)	
Lever	ADA compliant	
Deadbolt	1" (25.4mm) throw deadbolt and ⅝" (15.9mm) dead-locking latch bolt	
Door Thickness	1 ¾" (44.5mm) to 2 ⅛" (53.98mm) for standard product	
Shipping Weight	Approximately 8.0 lbs (3.62 Kg) with hardware	
Housing Construction	Escutcheons: Zinc; Levers: Brass, zinc, or stainless steel	
Standard Finishes	Satin chrome, satin brass	
Standard Backset	2 ¾" (70mm) backset from door to edge of lever	
Locking Options	ANSI lock case with 1 ¼" or 1" lock front mortise. Optional automatic deadbolt	
Online Configurations	Messenger Ready	DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon
	Messenger Online	Lock controller board with Messenger capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Messenger module
Mobile Key Options (BLE)	BLE compatible (Standard): upgradable to BLE by adding end cap and module BLE ready: upgradable to BLE by adding 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 (optional)	
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling 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 system. Can also be configured to perform an automated/pre-defined passage mode time.	
Lockout Mode	Set by authorized keycard or Messenger 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 interface with automatic power operated doors for special openings	
Privacy Override	Emergency keycards	
Certifications and Testing		
Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")	
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13-2005 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25-2007 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	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)	
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant	
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)	
Warranty		
Standard Factory Warranty	Two years	
Extended Warranty	Kaba Service Plans (Platinum, Gold, Silver)	

Confidant RFID

dormakaba



Overview
The Confidant RFID asserts a softer, more engaging look to reflect true hospitality. Together with graceful lines and clean aesthetics, its RFID technology enhances the guest experience while extending the service life of the lock. This ultra-modern lock conveniently functions with dormakaba access management software and stand-alone devices.

Mobile Access
This Bluetooth Low Energy (BLE) capable lock can operate using the dormakaba Mobile Access Solutions.

Applications
- Available with mortise or tubular latch applications
- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks
- Works with third party mortise lock case and door hardware
- Access control for guest rooms, common areas, and back-of-house

Security Features
- Vandalism and attack resistant
- Improved tamper resistance; tamper alarm is reset by emergency key or dormakaba handheld programming device
- Emergency access: emergency keycard and electronic override

Low Maintenance
- Operates with a completely sealed contactless reader
- Batteries last up to 50,000 openings or up to 3 years
- Low battery indicator alerts staff
- Audit trail is retained during battery replacement and lock programming
- Wear resistant construction and finish

Access Management Software
The Confidant RFID 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

Outside Housing	Zinc cast alloy construction with steel mounting plate/Field reversible levers. Ergonomic RFID reader with target to guide user/ LEDs for visual feedback. Panel that conceals lock batteries (3 alkaline AA type) and programming interface. Spindle socket	
Inside Housing	Stainless steel trim with a steel mounting plate construction / Field reversible levers (only short return levers) Privacy turn knob (optional)	
Levers	Available in short or long return designs. Outside lever free to rotate upward and downward in locked mode	
Standard Finishes	Satin chrome or satin brass	Short Long
Batteries	3 AA batteries for up to 50,000 openings or up to 3 years (based on 10 openings per day). Low battery indicator: alerts staff that batteries need to be changed soon	
Deadbolt	1" (25 mm) (for ASM mortise), projected by inside thumbturn and retracted with the latch by the interior handle, emergency override or specific staff keycards. Optional auto deadbolt available	
Door Thickness	From 1 ⅜" to 2 ½" (35mm to 66mm)	
Standard Backset	2 ¾" (70mm) mortise and tubular latch. 2 ⅜" (80mm) tubular latch only	
Locking Options	ANSI lock case with 1 ¼" or 1" lock front mortise. Optional automatic deadbolt.	
Online Configurations	Messenger Ready	Outside escutcheon with Messenger connector DAJ mortise (ANSI lock case) Standard inside escutcheon
	Messenger Online	Outside escutcheon with Messenger connector DAJ mortise (ANSI lock case) Inside enclosure with Messenger module.

Mobile Access Options

BLE ready	Upgradable to BLE by adding BLE module
BLE enabled	End cap with BLE module included, no further upgrades needed

Lock Operation

Date/Time Stamp	Real time: date and hours/minutes
Programming & Audit Trail Downloading	Using handheld units (dormakaba M-Unit, FDU, HH6) or remotely through Messenger wireless system to obtain key use history reports from the lock, or using a 4K audit keycard
Preregistered Keycards	Keys can be made up to ten days in advance without cancelling current or arriving guests
Keycard Expiry	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 system. Can optionally be configured to perform an automated/pre-defined passage mode time
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted	RFID cards or tags (ISO14443A with Mifare Classic) available in Mini, 1K and 4K memory sizes (4 byte NUID type)
Feedback	"Dual sensory" audible and light indicators
Diagnostics	Light indicators and handheld display
Audit Memory	Saflok systems: up to 4000 events Ilco systems: up to 2000 events
Disability Feature	Available for special openings
Privacy Ovveride	Emergency keycards

Certifications & Testing

Accessibility Standard	ADA (Americans with Disability Act) compliant levers
Fire Rating	Meets UL 10C and ULC S-104, on fire door rated up to and including 3 hours with dormakaba ANSI lock case (ASM mortise) and 20 minutes with dormakaba tubular latch.
Electronics	Compliant IEC 61000-4, FCC Part 15 and Industry Canada RSS-210. CE R&TTE Directive 1999/EC.
Environmental Operating Conditions	-31°F to 151°F (-35°C to 66°C) 0% to 85% non-condensing humidity at 86°F (30°C)

Warranty

Standard Factory Warranty	Two years
Extended Warranty	dormakaba Service Plans available

Confidant RFID

dormakaba

Overview
The Confidant RFID asserts a softer, more engaging look to reflect true hospitality. Together with graceful lines and clean aesthetics, its RFID contactless technology enhances the guest experience while extending the service life of the lock. This ultra-modern lock conveniently functions with dormakaba access management software and stand-alone device.

Confidant RFID kit options
The Confidant RFID lock comes in a variety of kit options, making it a flexible solution to meet any property access needs:
- Kit 1: outside lock housing only
- Kit 2: outside / inside housings
- Kit 3: outside / inside housings and mortise lock case

Mobile Access
This Bluetooth Low Energy (BLE) capable lock can operate using the dormakaba Mobile Access Solutions.

Applications
- Perfect fit for new construction projects and replacement of existing mechanical or electronic hotel locks
- Suitable for small to very large scale hotels
- Access control solution for guest rooms, common areas and back-of-house

Low Maintenance
- Operates with a completely sealed contactless reader
- Batteries last up to 50,000 openings or up to 3 years
- Low battery indicator alerts staff
- Audit trail is retained during battery replacement and lock programming
- Wear-resistant construction and finish

Access Management Software
The Confidant RFID 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 better door management and monitoring.

Confidant RFID Kit 1

Outside lock housing only
A simple 'plug & play' solution that makes it easier to swap out any existing mechanical or electronic lock and replace it with RFID lock technology. Compatible with most standard lock cases, simply install the front lock housing to benefit from all the features of an RFID electronic lock system.

Security Features
- Vandalism and attack resistant
- Improved tamper resistance; tamper alarm is reset by emergency key or dormakaba handheld programming device
- Override options - Electronic override: performed by using the dormakaba handheld programming device
- Emergency access: emergency keycard and electronic override

Confidant RFID Kit 2

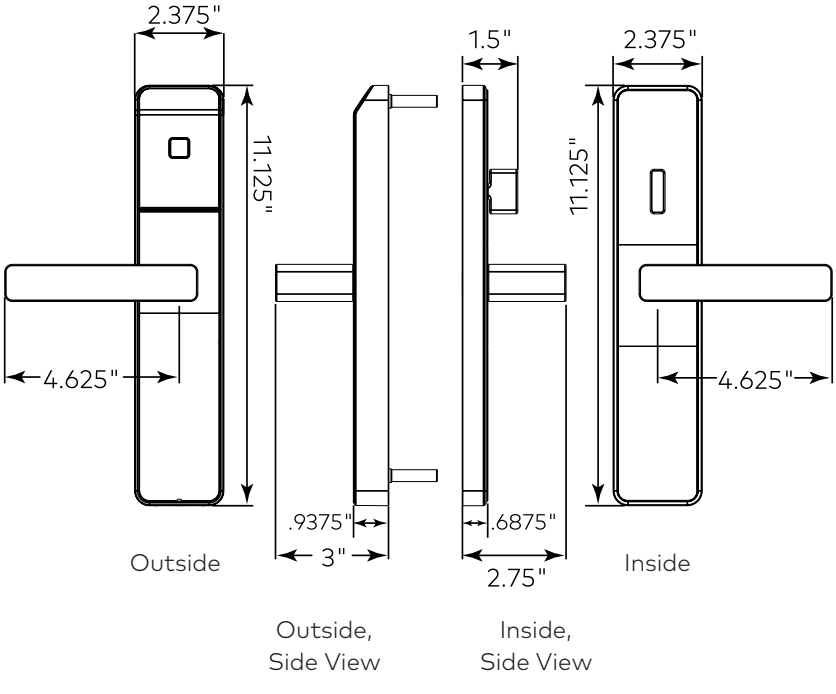
Outside / inside lock housings
An upgrade to include both the inside and outside lock housings while remaining compatible with existing or third party mortise lock cases. This kit also offers electronic privacy or cylinder turn-knob functionality. Ease of installation makes Confidant RFID Kit 2 a perfect fit for new construction or replacement of existing mechanical or electronic hotel locks to complement modern hotel décor.

Security Features
- Vandalism and attack resistant
- Improved tamper resistance; tamper alarm is reset by emergency key or dormakaba handheld programming device
- Override options
  - Electronic override: performed by using the dormakaba handheld programming device
  - Mechanical key override: with key cylinder option
- Emergency access: emergency keycard and electronic override

Confidant RFID Kit 3

Outside / inside lock housings + mortise lock case
The full package, with a complete door hardware installation for existing or new construction properties. The Kit 3 package includes outside/inside lock housings and a compatible mortise lock-case. This kit also offers electronic privacy or cylinder turn-knob functionality. Ease of installation makes Confidant RFID Kit 3 a perfect fit for new construction or replacing existing mechanical or electronic hotel locks to complement modern hotel décor.

Security Features
- Vandalism and attack resistant
- Improved tamper resistance; tamper alarm is reset by emergency key or dormakaba handheld programming device
- Override options
  - Electronic override: performed by using the dormakaba handheld programming device
  - Mechanical key override: with key cylinder option
- Emergency access: emergency keycard and electronic override



Mobile Access Solutions

Convenient, reliable and secure for both the hotel property and guests, dormakaba Mobile Access Solutions is an end-to-end mobile credential application utilizing Bluetooth Low Energy (BLE), the preferred communication technology for dormakaba mobile-enabled RFID hotel locks. The mobile access solution integrates seamlessly with the hotel locking system providing a cloud-based platform to securely issue and manage keys on mobile devices.

All Confidant RFID kits operate using dormakaba's mobile access, allowing guests to bypass the front desk check-in process and proceed directly to their room. They can move freely about the property using their mobile device to access any common area in the hotel requiring a room key.

Mechanical Features

Outside Housing	Zinc cast alloy construction with steel mounting plate/Field reversible levers. Ergonomic RFID reader with target to guide user/LEDs for visual feedback. Panel that conceals key cylinder (if used), lock batteries (3 alkaline AA type) and programming interface. Spindle socket	
Inside Housing	Stainless steel trim with a steel mounting plate construction / Field reversible levers privacy turn knob (optional)	
Levers	Available in short or long return designs. Outside lever free to rotate upward and downward in locked mode. DIN compliant levers (optional)	
Standard Finishes	Satin chrome or satin brass	Short Long DIN
Batteries	3 AA batteries for up to 50,000 openings or up to 3 years (based on 10 openings per day). Low battery indicator: alerts staff that batteries need to be changed soon	
Door Applications	35mm - 55mm. Minimum backset: 40mm or more. Wood or metal, hollow or solid. Rosette mounting option eliminates the need for drilling (retrofit scenario)	
Hardware Configurations	Kit 1 includes outside lock housing and installation hardware kit Kit 2 includes outside lock housing, inside lock housing and installation hardware kit Kit 3 includes outside lock housing, inside lock housing, BMH 801 lock case and installation hardware kit	
Locking Option	BMH 801 lock case, 65mm backset, 20 or 24mmm faceplate (applicable only with Kit 3)	
Online Configurations	Messenger Ready	Outside escutcheon with Messenger connector Standard inside escutcheon
	Messenger Online	Outside escutcheon with Messenger connector Inside enclosure with Messenger module

Mobile Access Options

BLE ready BLE enabled	Upgradable to BLE with BLE module End cap with BLE module included, no further upgrades needed

Lock Operation

Date/Time Stamp	Real time: date and hours/minutes
Programming & Audit Trail Downloading	Using handheld units (dormakaba M-Unit, FDU, HH5/HH6) or remotely through Messenger wireless system to obtain key use history reports from the lock, or using a 4K audit keycard
Preregistered Keycards	Keys can be made up to ten days in advance without cancelling current or arriving guests
Keycard Expiry	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 system. Can optionally also be configured to perform an automated/ pre-defined passage mode time
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted	RFID cards or tags. Supports Mifare Classic (Mini, 1K, 4K) and supports Mifare Plus (1K,2K,4K) and Ultralight C (Guest) credentials
Feedback	"Dual sensory" audible and light indicators
Diagnostics	Light indicators and handheld display
Audit Memory	Saflok systems: up to 4000 events Ilco systems: up to 2000 events
Disability Feature	Available for special openings
Privacy Ovveride	Emergency keycard

Certification and Testing

Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
Industry Standards	Fire resistance 30 minutes per EN 1634-1 DIN 18273 with DIN lever handles (Kit 2-3) Approved compliant door and lock case must be used
Electronics	Compliant and listed to CE 61000-4, FCC Part 15 and Industry Canada RSS-210. CE R&TTE Directive 1999/EC
Environmental Operating Conditions	-35°C to 70°C 0% to 85% non-condensing humidity at 30°C Certified to IP54 for dust and elements on IEC 60529

Warranty

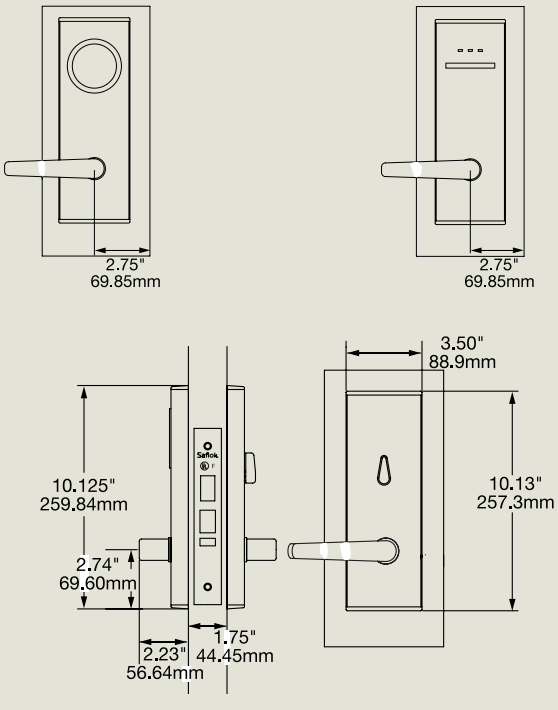
Standard Factory Warranty	Two years
Support Programs	dormakaba Service Plans available

Saflok
MT ™ Series

dormakaba

Saflok MT™ RFID

Saflok MT™



Overview

The Saflok QuantumIII electronic lock offers a unique and award winning two-piece modular design with an RFID card reader for a sleek look and superior lock performance. Easy to use, the lock works with the Windows-based System 6000™, Messenger LENS™ online wireless system. The Saflok Quantum III accepts Mifare Plus credentials for enhanced functionality. The lock is also able to operate using the Kaba Mobile Key System and can be offered with one of the following Bluetooth Low Energy (BLE) options: compatible, ready or enabled.

Applications

- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks
- Access control for guest rooms, common areas as well as back-of-house Security Features
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - RFID Keycard audits
- Tracking mortise for door ajar reporting (ädəse standard, MT optional)
- Emergency access: emergency key, mechanical key and electronic override

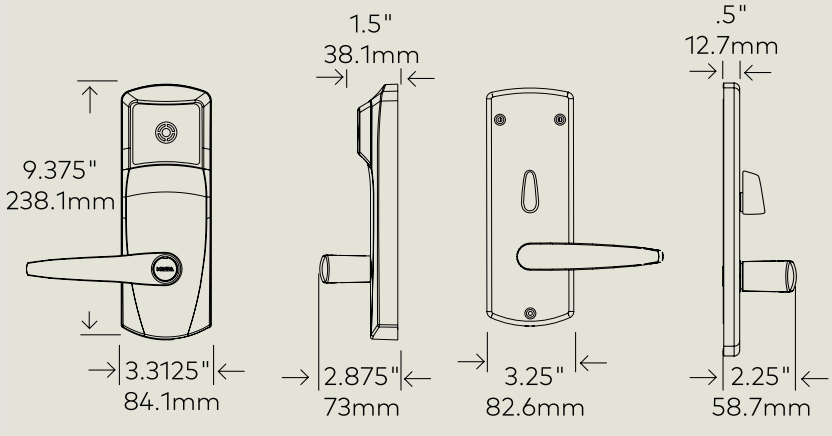
Low Maintenance

- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader

Mechanical Features		
Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt	
Handing	Factory-handed mortise (left, right, left reverse, right reverse)	
Lever	ADA Compliant	
Deadbolt	1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt	
Door Thickness	1 ¾" (44.5mm) to 2 ⅛" (53.98mm) for standard product	
Weight	Approx. 8.0 lbs with hardware	
Housing Construction	Escutcheons: Zinc	
	Levers: Brass, zinc, or stainless steel	
Standard Finishes	Bright chrome, bright brass, satin chrome, satin brass, dark mahogany	
Inside Trim	OptionsOptional ädse or MT inside escutcheon	
Standard Backset	2 ¾" (69.9mm) from door edge to lever	
Locking Options	ANSI lock case with 1 ¼" or 1" lock front mortise Options: automatic deadbolt, door ajar, MKO European lock case mortise (20 x 165 mm) with 20 x 233 mm lock front mortise	
Online Configurations	Messenger Ready	DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon
	Messenger Online	Lock controller board with Messenger capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Messenger module
Mobile Key Options (BLE) MT RFID	BLE compatible Standard Lock. Upgradable to BLE by adding BLE connector cable, end cap and BLE module BLE ready Upgradable to BLE by BLE module BLE enabled End cap with 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	StampReal-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 (optional)	
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling 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 system. Can also be configured to perform an automated/pre-defined passage mode time.	
Lockout Mode	Set by authorized keycard or Messenger system	
Keycards Accepted	Magstripe, smartcard or Mifare Classic (Quantum RFID and QuantumII) keycards (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 interface with automatic power operated doors for special openings	
Privacy Override	Emergency keycardsLock Operation	
Certifications & TestingStandard		
Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")	
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13-2005 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25-2007 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	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)	
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant	
Environmental	Indoor side: 32°F to 151°F (0°C to 66°C)	
Operating Conditions	Outdoor side: -31°F to 151°F (-35°C to 66°C) 0% to 85% non-condensing humidity at 86°F (30°C)	
Warranty		
Standard Factory Warranty	Two years	
Extended Warranty	Saflok SAFGARD Service Plans (Platinum, Gold, Silver)	

Saflok RT™ RFID

dormakaba



Overview
The Saflok RT is a rugged full-body electronic lock that offers RFID technology to enhance guest convenience and improve operational efficiency. This durable lock is easy to use and works with Saflok access management software.

Mobile Access
This Bluetooth Low Energy (BLE) capable lock can operate using the dormakaba Mobile Access Solutions.

Applications
- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks throughout a facility
- Access control for guest rooms, common areas as well as back-of-house

Security Features
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring (Keycard Audits)
- Emergency access: Emergency keycard, mechanical key and electronic override

Low Maintenance
- Batteries last up to 3 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader
- Wear resistant construction and finish

Access Management Software
The RT 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	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism and built-incontactless RFID reader
Handing	Left or Right factory handed mortise, field reversible handing (lever and mortise)
Lever	ADA compliant, outside lever free to rotate upward and downward in locked mode Lever clearance (space from end of lever to door) Long Lever 3/8" (9.5mm) Short Lever 2" (51mm) Elevon & Gala Levers 2 9/32" (58mm) Gala Elevon Long Short
Concealed Key Override (optional)	- Saflok KIK Core (keyed-alike, master keyed, recodable) - Best Small IC Adaptor
Deadbolt	1" (25 mm) (for ASM mortise) or 2 1.4 mm (for ESM Mortise) solid metal, projected by inside thumbturn and retracted with the latch by the interior handle, emergency override or specific staff keycards. Optional auto deadbolt available
Door Thickness	From 1 ⅜" to 2 ½" (35mm to 66mm)
Shipping weight	8.5 lbs (3.8 kg)
Housing Construction	Cast zinc alloy (outside housing levers and thumbturn), stainless steel inside housing
Standard Finishes	Satin chrome, satin brass and supreme finish for ocean front applications
Standard Backset	2 ¾" (70mm) backset, 2 ⅜" (60mm) backset also available for cylindrical lock
Locking Options	ANSI lock case with 1 ¼" or 1" lock front mortise Optional automatic deadbolt European lock case mortise (20 x 165 mm) with round (20 or 23 x 235 mm) or square (20 x 235 mm) lock front mortise
Online Configurations	Messenger Ready: DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon Messenger Online: Lock controller board with Messenger capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Messenger module

Mobile Access Options

BLE ready BLE enabled	Upgradable to BLE with BLE module End cap with BLE module included, no further upgrades needed

Batteries

Alkaline - Three AA battery pack	Battery life is up to 3 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 (optional)
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling 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 system. Can also be configured to perform an automated/pre-defined passage mode time.
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted	MIFARE Classic keycards (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 interface with automatic power operated doors for special openings
Privacy Override	Emergency keycards

Certifications & Testing

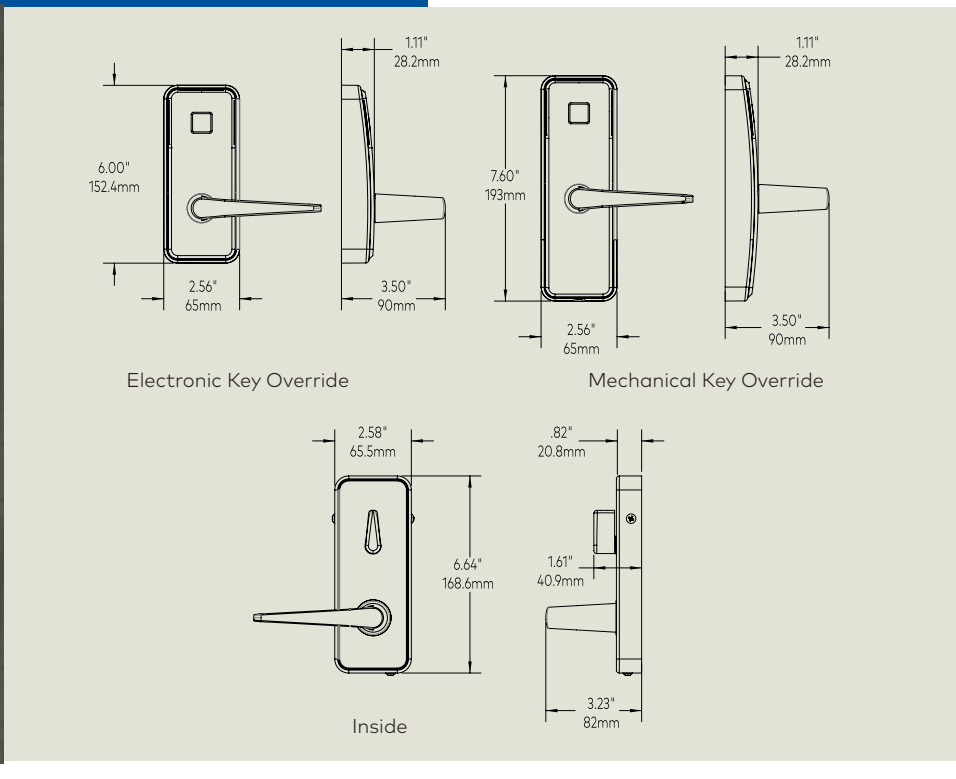
Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13-2005 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25-2007 Standard 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	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
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)

Warranty

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

Saffire LX™

dormakaba



Overview
Saffire LX features sophisticated RFID technology in a contemporary, understated design. Its high performance represents a secure, flexible solution bringing online capabilities and convenience to satisfy the technology needs of hotel properties, while optimizing the guest experience.

Mobile Access
The Saffire LX is equipped with Bluetooth Low Energy (BLE). Using the dormakaba Mobile Access Solution, guests can conveniently use their mobile device to access their room and common areas in the hotel when doors are equipped with Saffire LX.

Applications
- Ideal for new construction projects or when doors are being replaced
- Simplified door preparation for ease of installation
- Suitable for small to very large-scale properties
- Access control for guest rooms, common areas and back-of-house

Low Maintenance
- Operates with a completely sealed contactless reader
- Batteries last up to 2 years or up to 80,000 openings
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement

Security Features
- Staff monitoring – RFID keycard audits
- Tracking mortise for door ajar reporting
- Emergency access: emergency key or electronic override

Access Control Management Software
The Saffire LX is supported by Ambiance, dormakaba's most modern access control software. Ambiance provides a reliable simplified solution that features an array of access control workflows for both guest and staff access.

About dormakaba
The merger of DORMA and Kaba has strengthened our Saflok and Ilco brands. From this position of strength, we will dedicate more resources to research and development and continue to innovate lodging systems that build excitement to make access in life smart and secure.

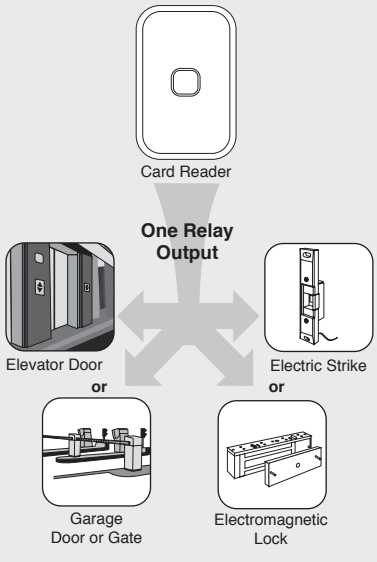
Mechanical Features	
Description	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism and built-in contactless RFID reader
Handing	Left or right factory handed mortise, field reversible handing (lever and mortise)
Lever	Von, Troy and DIN* lever (field reversible) Von Troy DIN *DIN lever available in Europe only
Finishes	Satin chrome, satin brass, satin chrome oceanfront Optional: inside housing with polycarbonate finish (black, white, grey)
Door Thickness	From 1 ⅜" to 2 ½"(35mm to 66mm) Europe: 35mm to 55mm
Standard Backset	ASM: 2 ¾" (70mm) Cylindrical unit: 2 ⅜" - 2 ¾" (60mm – 70mm) Europe: 45mm or more
Locking Options	ANSI lock case with 1 ¼" or 1" lock front mortise Optional automatic deadbolt
Batteries	3 AA for 2 years or up to 80,000 openings. Low battery indicator alerts staff that batteries need to be changed soon
Concealed key override	Saflok KIK core (keyed-alike, master key, recodable). Option only available with ANSI mortise case and cylindrical locks
Online Configuration	Messenger LENS Online available: - Lock controller board with Messenger LENS capability - DAJ mortise (ANSI lock case)
Mobile Access	
BLE enabled	BLE integrated. Ready to operate using dormakaba mobile access solutions Saffire LX is also offered without BLE
Lock Operation	
Date/time stamp	Real time: date and hours/minutes
Programming & audit trail downloading	Hand Held Programmer and lock utilize Near Field Communications (NFC)
Preregistered keycards	Up to 10 days in advance
Keycard expiry	From 1 to 7 years, depending on type and setup
Passage mode	Set by authorized keycard
Lockout mode	Set by authorized keycard
Keycard accepted	Two credential format options available: Mifare classic or Mifare plus Mifare classic: Guest keycards (mini), Staff (4k & 1k) Mifare plus: Guest keycards (Mifare plus 1K, ultralight C), Staff keycards (Mifare plus S 1k, Mifare plus S 2k, Mifare plus S 4k)
Feedback	Dual sensory audible and LED light indicators
Diagnostics	Light indicators and handheld display
Audit memory	up to 4000 events
Disability feature	Extended unlock time (4 seconds standard, 15 seconds for disability)
Privacy override	Default emergency keycard only (user selectable)
Certification & Testing	
Accessibility standard	ADA (Americans with disability act) compliant levers
Fire rating	Meets UL 10C and ULC S-104, on fire door rated up to and including 3 hours with dormakaba ANSI mortise lock case and cylindrical lock.
BHMA/ANSI:	Tests pending for: Grade One performance tests for "ANSI/BHMA A156.13 "American National Standard for Mortise Locks and Latches," "ANSI/BHMA A156.25 "American National Standard for Electrified Locking Devices" and "ANSI/BHMA A156.2 for bored and pre-assembled locks and latches". (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)
Electronics	Compliant with CE 61000-4-3 and CE 61000-4-4 for electromagnetic compatibility and FCC part 15 requirements. See section 7.4. This covers requirements of NF EN 14846 grade 2 for electrical manipulations
Environmental operating conditions	-95°F to +158°F (-35°C to +70°C) 0% to 90% non-condensing humidity at 86°F (30°C)
Warranty	
Standard warranty	Two years
Extended warranty	dormakaba service plans available

Saflok
SR™ Series RFID (RCU/ECU)

dormakaba

SR1

SR2



Overview

The Saflok SR Series RFID reader is a device that operates perimeter access hardware such as elevator, parking entrances or any other door requiring an electric strike or electro-magnetic lock. Offering a sleek minimalist design that will suit any property décor, the SR Series functions with Saflok Messenger Lens and System 6000.

Models

- SR1: ideal for surface mount or mounting on aluminum door frame
- SR2: intended for flush mount installation

Applications

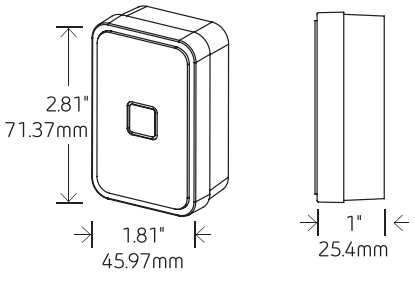
- Remote access points - elevator, parking entrance, outdoor swimming pool
- Locking devices - electric strike, magnetic lock

Features:

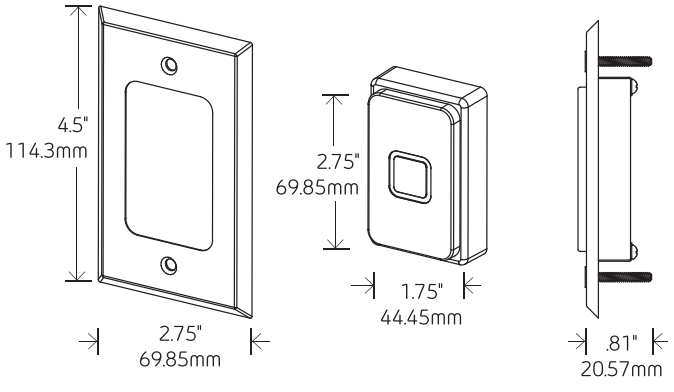
- Improved tamper resistance
- Ability to easily integrate into any System 6000™ design
- Environmentally sealed contactless smart card reader protects against climate extremes, which is an especially vital feature for common access readers placed in external building and exit device applications
- Compatible with Messenger LENS
- Optionally equipped with the Messenger™ transceiver for centralized access control
- LED lights displayed behind acrylic reader lens
- Contactless smart card reader use industry-standard Mifare ISO 14443A communication platform and high-security protocol
- Programmable auto latch/unlatch feature eliminates need for manual dogging
- Auditable entries/attempts
- Selectable master key access
- Restricts access to guest keys after check-out dateOne

Reader and Controller Box Dimensions:	
Single Metal Gang Box:	3.03"H x 3.51" D x 1.97" W (76.96 H x 89.15 D x 50 W mm)
Metal Controller Box:	3"H x 3.5"D x 3.77" W (76.2 H x 89 D x 95.76 W mm)
Plastic Controller Box:	4-1/8"H x 2-29/32" D x 4-5/32" W (104.78 H x 73.82 D x 105.57 W mm)
Reader Dimensions and Weight:	
Contactless Reader	
(Surface Mount):	1.81" W x 2.81" H x 1" D (46 W x 71 H x 25 D mm), 0.1 lbs (0.05 kg)
Contactless Reader	
(Flush Mount):	1.75" W x 2.75" H x .81" D (44W x 70 H x 21 D mm), 0.2 lbs (0.10 kg)

Surface Mount (SR1)



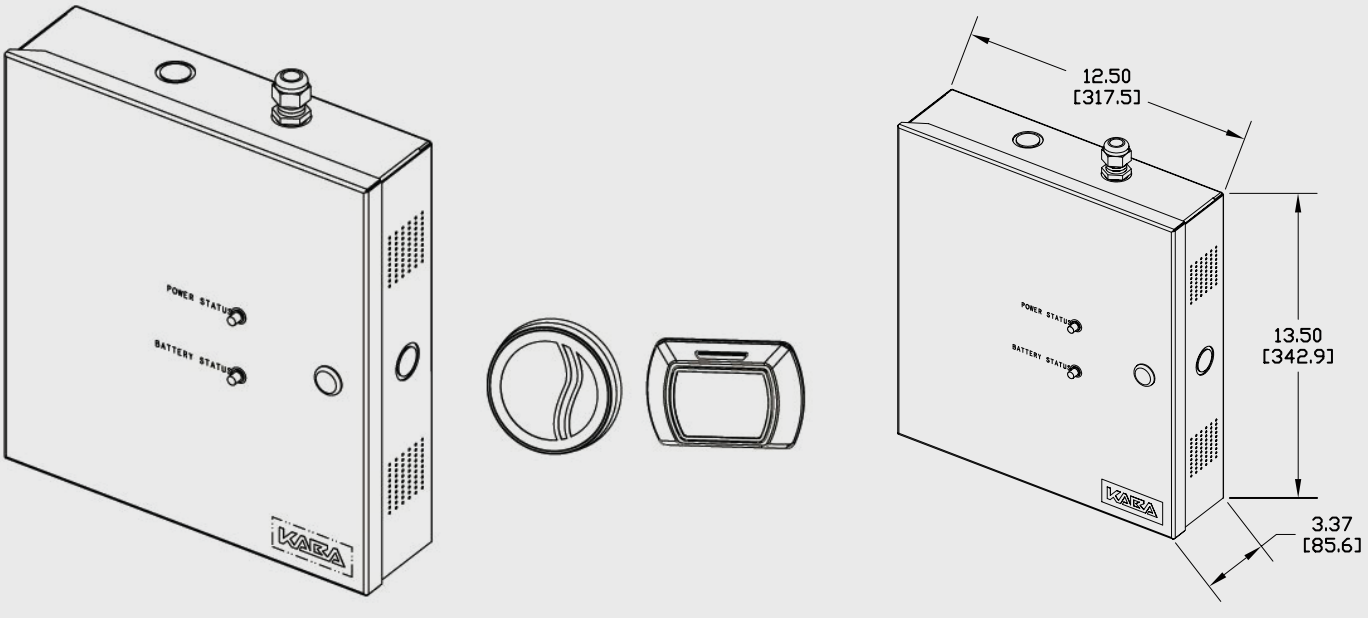
Flush Mount (SR2)



Specifications:	• Voltage: 12-24 VAC or VDC
	• SPDT 5A@30VDC relay with common, normally open and normally closed contacts
Certification	• Certified to the UL294 standard
	• Certified to the CSA 22.2 No. 205 standard
	• Interfaces with fire panels meeting NFPA 101 fire access alarm standard
	• Meets FCC and CE requirements

Saflok
Multi-Floor Controller (MFC)

dormakaba



Overview

The Saflok Multi-Floor Controller (MFC) is elevator control hardware connected to the hotel network. The device is designed to operate with either online or stand-alone elevator control units (ECU). It provides access control and secure stops for multiple floors and functions with RFID contactless lock models and System 6000. When installed as an online solution, the MFC provides flexible access control on the fly. RFID ECU can be controlled up to 1200 feet (350m) away when using the MFC system.

FEATURES

Standard

- Variable access delay
- Power failure 3-day auto-recovery; real time clock (RTC)
- Relay bypassing (passage function)
- Control up to two card readers
- Fire Alarm Input
- Tamper Alarm Input
- Power Status LEDs feedback
- Relay Expansion Board with 8 relays

Optional

- Additional Relay Expansion Boards (up to 4 total in MFC, 32 relays max)
- Additional RFID Reader

Online Guests

- Key inhibited in elevator after checkout
- Change Room / Key no longer able to access previous floor
- Floor lockdown
  (Customer defined based on key level)

Staff

- OTA/remote Interrogation
- Cancel key in Elevator
- Block/Unblock specific keys
- Auto latch – No keys required to access floors

Quantum™ RFID RCU/ECU

dormakaba

Overview

The Quantum™ RFID remote control/elevator control unit (RCU/ECU) – a versatile stand-alone card reader controller. Through the application of contactless smart card technology, this remote control device is designed to work with all electrified access control devices for perimeter doors, concierge floors, common areas, and other secured areas with electrified hardware.

Applications

- RCU switch works with electrified locking devices
- Fits into double-gang switch box
- Controls electric locking devices up to 24 volts AC/DC
- Auto latch/unlatch feature eliminates need for manual dogging
- SPDT 5A@30VDC relay with common, normally open and normally closed contact

Voltage: 12-24 AC/DC

Outside dimensions: 4.56″ W x 4.50″ H x0.75″ D

Plate finishes: Bright brass, bright chrome, satin brass, satin chrome, dark oxidized

Quantum RFID features include:

- Ability to easily integrate into any System 6000™ design
- Environmentally sealed contactless smart card reader protects against climate extremes, which is an especially vital feature for common access readers placed in external building and exit device applications
- Optionally equipped with the MessengerTM transceiver for centralized access control
- LED lights displayed behind high-impact polycarbonate reader lens
- Contactless smart card reader uses industry-standard Mifare Classic (4 byte NUID) communication platform and high-security protocol
- USB connectivity to LPI probe, and operates in accordance with ISO 14443A
- Keycards are programmed using a contactless encoder
- Contactless communication between the keycard and the reader via RF waves
- Programmable auto latch/unlatch feature eliminates need for manual dogging
- Configurable for normally closed circuits (magnet latches) and normally open circuits (electric strikes)
- Auditable entries/attempts
- Selectable master key access
- Restricts access to guest keys after check-out date

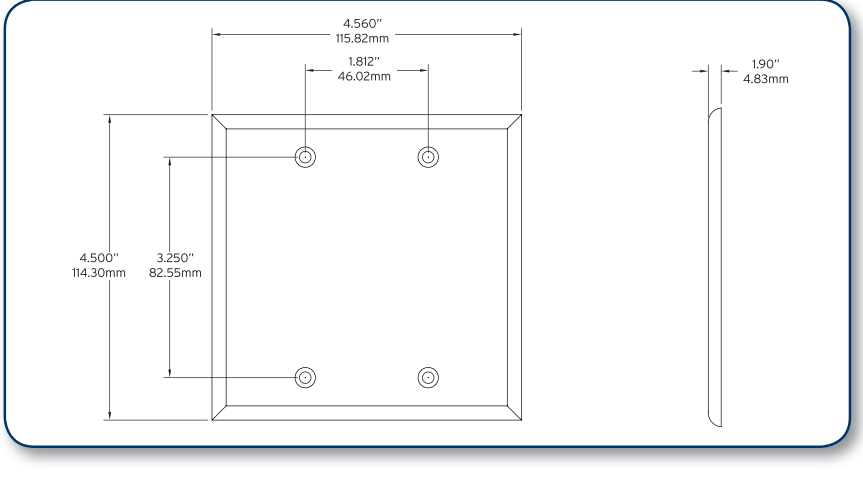
Specifications

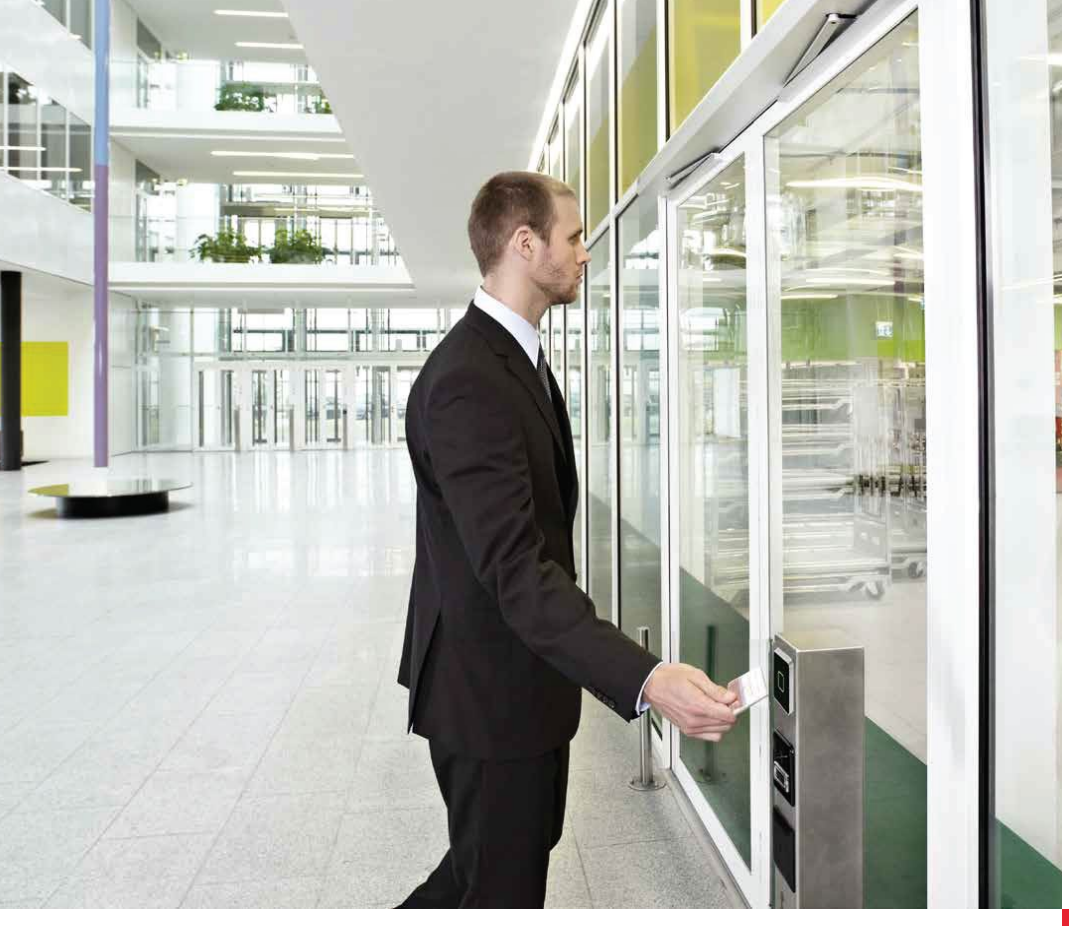
- Voltage: 12-24 VAC or VDC
- SPDT 5A@30VDC relay with common, normally open and normally closed contacts

Requirements

- Double-gang switch box(

Dimensions





dormakaba

Kaba exos 9300

Back of House Access Management

No matter whether you need an access solution for a small boutique hotel or a large five start hotel: Kaba exos precisely maps your hotel's security needs, so you can resolve all your access tasks easily and reliably: even for many sites, sectors and users.

Well-organised access rights
The larger your enterprise the more tasks to be solved: for the more people, departments and sites your enterprise has, the more diverse requirements will be. Regardless of whether a person moves department or a business unit moves to another building, or an external service provider is working on site for a week, or a guest is to have ready access to a meeting room for a couple of hours. Kaba exos 9300 keeps all access rights easily under your control.

The right access for every need
Kaba exos allows you to manage and perform all tasks centrally. The particular technical solution used on your accesses is of no consequence. For you can easily map even complex door situations in the system yourself. You need not worry when new requirements come up: they simply become part of your holistic access solution.

Benefits at a glance

Efficient organisation
- Customised adaptation to enterprise structure
- Manage different rights centrally and/or decentrally
- System is freely scalable

Easy to use and apply
- Short training period for employees thanks to intuitive user interfaces

Enhance security
- Overview of all persons, media and access rights

Assign rights based on roles
- Map large enterprise organisations easily
- Clear responsibilities – central and decentral
- Daily tasks like new/departing employees, organisational changes, transfer or temporary rights are performed with minimum effort

Trace processes at any time
- The system records all processes
- Date access can be precisely tailored to privacy or corporate guidelines

Features

Comprehensive access solution
- From simple entrances to complex door controls
- PIN and biometric verification
- Gates with weight comparison
- Barrier or elevator controls
- Access per dual control

Efficient access management
- Easy assignment of access rights
- Role-based access rights on assuming new tasks or organisational changes
- Integrated process steps
- Changes immediately effective (online)
- Access rights valid from set date e.g. when incorporating new sites
- Access rights for a specific period
- Virtual function test for access rights on entrances

Door management
- Extensive dormakaba periphery portfolio for different door configurations
- Comprehensive door management and monitoring functions

Holistic solution
- Central overview of all types of access components: online, stand-alone, mechanical[1]
- Combination of ID cards, smartkeys, mobile access[1], biometry, code or vehicle registration plates

Traceability
- Saving of all access- and security-relevant events
- Saving of proofs such as signed security instructions or or expense slips
- Flexible filters and evaluation options

[1] Relevant additional licences required

N.B. The effectively available product function scope depends on the system context in which it is used.

Technical data

Upgradability
The system offers infinite upgradability. This applies in particular to the number of persons, rooms, room and time zones and access profiles.

Architecture
- Client server
- Web client
- Multi-user
- Multi-language

Standards
- EN 60839-11-1

Further info and order details can be found in the relevant dormakaba catalogues or system descriptions.

Subject to change without notice
Version 01/120218

Credentials

dormakaba

Overview

Kaba uses state-of-the-art processes to manufacture and test keycards in-house on specialty equipment. From the basic magnetic stripe keycards that simply carry room access information, to contactless RFID tags with sophisticated information storage applications, Kaba has the solution to suit your particular needs.

Magstripe Keycards

Magnetic stripe (Magstripe) keycards are the credential most commonly used in hotels today. Magstripe cards are available in low & high coercivity which determines the magnetic intensity of the card. High coercivity keycards are almost impossible to demagnetize.

RFID Keycards & Key Fobs

RFID credentials have become the choice of hotels seeking to enhance customer convenience while reducing operational costs and are available in keycard, wristband and keyfob form. One of the major benefits of the contactless system is that there is virtually no wear-and-tear since there is no contact between the lock terminal and the card.

Options

- **Custom-Designed Keycards**
  Kaba's custom-designed keycards add an element of distinction to your
  property. You simply provide Kaba with your electronic artwork, and we
  take care of the rest.
- **Stock Keycards for Back-of-house**
  Keep track of your staff and control employee access with color-coded back-of-house keycards.
- **Green Keycards**
  Kaba offers a green keycard constructed from 100% recycled polyvinyl chloride (PVC) plastic. Kaba's keycard return program encourages recycling by offering hotels used keycard disposal options.

RFID Credentials

- RFID credentials are designed for use with Kaba contactless electronic locks.
- There are three types available: keycards, wristbands, and key fobs.

Features common to MIFARE Mini, 1K, and 4K Credentials

- Compatible with existing MIFARE infrastructures
- Operates at 13.56MHz in accordance with ISO 14443A
- Securely separated sectors supporting multi-application

MIFARE 4K Standard – for Lock Audit keycards and Staff keycards

- Features 4K EEPROM read/write memory. Holds up to 400 log records and/or variable keys
- Can be used to download audit trails from locks or as staff keycards to store large staff movement audit trails

MIFARE 1K Standard – for Staff or Guest keycards

- Features 1K EEPROM read/write memory. Perfect for Staff keycards as they hold up to 70 log records and/or variable keys

MIFARE Mini – for Guest keycards (six variable keys)

- Tailored to applications that require only small memory size (e.g. guest access control or loyalty cards)
- A cost-effective solution for contactless smart guest keycards, it offers the same security features and file structure as MIFARE 1K Standard, but without the available memory for card audit trailMIFARE MiniMIFARE

Specifications

	MIFARE Mini	MIFARE 1K	MIFARE 4K
Memory (in bytes)	320 bytes	1024 bytes	4096 bytes
Log Records*	0	70	400
Variable Keys*	6	90	540
Interrogations	0	30	170

*Where applicable, figures may vary depending on lock programming

5508272 / 02-18
Subject to change without notice

HEAD OFFICE
2 Gravel Drive
Kya Sands Business Park
Kya Sands
2169
011 510 1500
086 694 2794
info.za@dormakaba.com

wwwdormakaba.com