

Overview

The Saflok QuantumIV electronic lock offers dormakaba's unique award winning two-piece modular design with an RFID reader for a sleek and elegant appearance combined with superior lock performance. The lock accepts Mifare Plus credentials for enhanced functionality, and works with dormakaba access management software.

Mobile Access

This Bluetooth Low Energy (BLE) capable lock can operate using the dormakaba Mobile Access Solutions, allowing guests to use their mobile device as their hotel room key.

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 tamper-proof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - RFID Keycard audits
- Tracking mortise for door ajar reporting (ädäse 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

Access control management software

The QuantumIV 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	
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 5/8" (15.9mm) dead-locking latch bolt	
Door Thickness	1¾" (44.5mm) to 2⅝" (53.98mm) for standard product	
Shipping Weight	Approximately 8.0 lbs (3.62 Kg) with hardware	
Housing Construction	Escutcheons: stainless steel/brass; Levers: brass, zinc, or stainless steel	
Standard Finishes	Satin chrome, Bright chrome	
Standard Backset	2¾" (69.9mm) from door edge to lever	
Locking Options	ANSI lock case with 1¼" or 1" lock front mortise. Optional automatic deadbolt	
Online Configurations	Messenger LENS Ready	DAJ mortise (ANSI lock case) Standard (stand alone) inside escutcheon
	Messenger LENS Online	Lock controller board with Messenger LENS capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Messenger LENS module

Mobile Access Option

BLE compatible	Standard Lock. Upgradeable to BLE by adding BLE connector cable, end cap and BLE module
BLE ready	Upgradeable to BLE with 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
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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	Certified to be compliant with Grade 1 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)