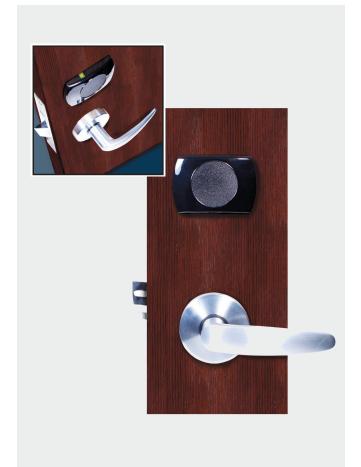# Saflok
QuantumIII™ (Quantum Series)

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.
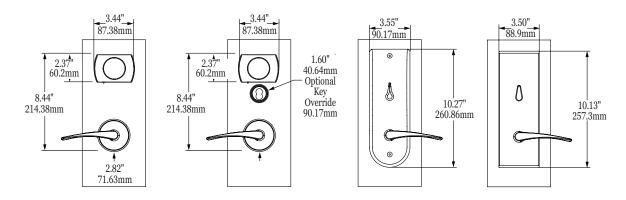
Applications

- 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

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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 Arc Troy Gala Continental Vintage Apogee Elevon
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)