CAL-ROYAL
P R O D U C T S , I N C . U.S.A.

LOCKSETS

DB9000 SERIES
ELECTRONIC DEADBOLTS
ANSI GRADE 2

DB9000

GRADE 2 ELECTRONIC TOUCHSCREEN DEADBOLT COMPATIBLE WITH APPLE AND ANDROID PHONES

- **APPLE AND ANDROID COMPATIBLE**
- **OPTIONAL GATEWAY CONNECTIVITY (REMOTE MANAGEMENT THROUGH THE INTERNET)**
- **PROXIMITY RFID CARD (13.56 MHz) STANDARD**
- **DIGITAL TOUCHSCREEN**
- **TIMESTAMPED ACCESS LOG (AUDIT TRAIL)**
- 1 ADMIN PHONE, 49 CLIENT PHONES PER DEADBOLT
- 50 DIGITAL COMBINATIONS PER DEADBOLT
- 50 RFID CARDS / KEY FOBS PER DEADBOLT
- 10,000 AUDIT TRAIL ENTRIES
- 1 ADMIN PHONE CAN MANAGE UP TO 250 DEADBOLTS
- EMERGENCY KEY OVERRIDE
- RFID KEY FOB (OPTIONAL)
- INDIVIDUAL USER ACCESS MODE
- OPTIONAL AUTO RE-LOCKING
- DOOR JAM PROTECTOR
- SMART L / R HANDING LEARNING
- KEY / THUMB-TURN TURNING DETECTOR
- ONE-TAP LOCKING
- WEATHER RESISTANT
- BUZZER & LED INDICATORS
- ANTI-TAMPER LOCKOUT
- LOW BATTERY WARNING
- EMERGENCY CHARGE INTERFACE
- 1 YEAR ELECTRONIC WARRANTY

RFID CARD

RFID KEY FOB (optional)

KEY OVERRIDE

9V EMERGENCY BATTERY PORT

INTERIOR

BLEGW-99 (optional) Gateway Connectivity

SPECIFICATIONS

APPLICATIONS
For residential and standard duty commercial applications.

DOOR RANGES
1 ⅜" to 1 ¾" thickness

BACKSET
Adjustable 2 ⅜" (60mm) or 2 ¾" (70mm)

LATCH FACEPLATE
2 ¼" x 1".

PROXIMITY CARD (STANDARD)
2pcs. included. Compatible with existing MIFARE Infrastructure. Operates at 13.56 MHz in accordance with ISO 14443A. Inductive distance up to 1 ³/₁₆".

RFID KEY FOB (OPTIONAL)
Operates at 13.56 MHz in accordance with ISO 14443A. Inductive distance up to 1 ³/₁₆".

POWER SUPPLY
4 AA 1.5V Alkaline Batteries (comes standard in packing).

RADIO FREQUENCY
2.4 GHz

CYLINDER & KEYWAYS
6 pin solid brass "C" keyway standard. Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59 / 60, Corbin-Russwin L4, Sargent LA-LB-LC, Falcon / Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and Cal-Royal (HSK) High Security Cylinders.

WEATHER RESISTANT
All models are weather resistant for operating temperature ranges of +158°F to -4°F (+70°C to -20°C) and storage temperature ranges of +176°F to -22°F (+80°C to -30°C).

SMARTPHONE CONNECTIVITY
Lock can be managed / synced using the K3 (Apple) & K3+ (Android) app.

ACCESS LOG (AUDIT TRAIL)
The K3 app features a 24 / 7 activity log, so you can keep track which client accessed the lock. A timestamped access log can be shared by the Admin phone via email. 10,000 audit trail entries.

STRIKE
Deadbolt strike 1 ⅛" x 2 ¾". Optional strikes available.

OPTIONAL GATEWAY CONNECTIVITY
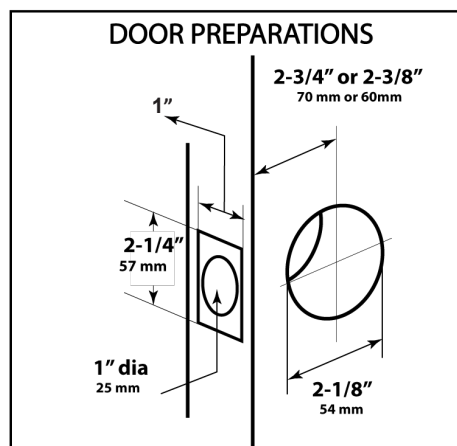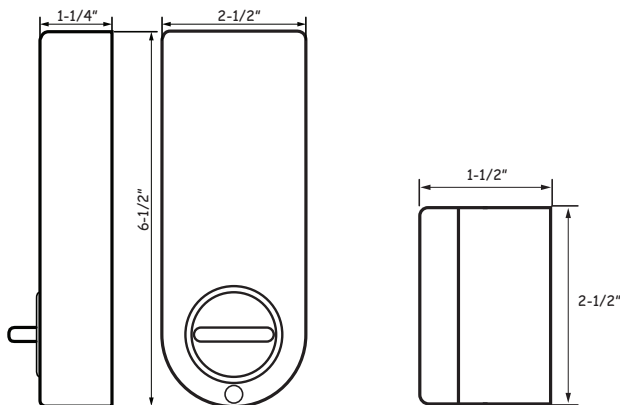Optional Gateway connectivity for remote lock management.

CRP SECURITIES USA

(800) 876-9258 | www.cal-royal.com | APR 2025 — **17** —

Cal-Royal Products, Inc. reserves the right to, and may, on occassions, make changes and/or improvements in design, dimensions and technical specifications without prior notice.

FINISHES AVAILABLE

BHMA SYMBOL	US CODE	DESCRIPTION
619	US15	Satin Nickel
613	US10B	Oil Rubbed Bronze
605	US3	Polished Brass

Refer to price list for stock finishes and functions

TECHNICAL SPECS

Operating Voltage	4 x AA 1.5V Alkaline
Operating Temperature	+149°F to -4°F (+65°C to -20°C)
Storage Temperature	+176°F to -22°F (+80°C to -30°C)
Transmit Frequency	13.56 MHz
User ID Capacity	1 Admin + 49 Client Phones + 50 Digital Touchscreen Combinations + 50 (Cards / Key Fobs)

1-1/4" 2-1/2"

6-1/2"

1-1/2"

2-1/2"

DOOR PREPARATIONS

2-3/4" or 2-3/8"
70 mm or 60 mm

1"

2-1/4"
57 mm

1" dia
25 mm

2-1/8"
54 mm

FEATURES

- **Apple and Android Compatible**

- **Gateway Connectivity** – optional gateway device to connect compatible locks to the internet, so users can manage locks remotely.

- **Smartphone Connectivity** – lock can be managed / synced using the K3 (Apple) and K3 (Android phones without NFC), and K3+ (Android phones with NFC) app.

- **NFC (Near Field Communication) Interface** – NFC compatible for android phones. For the complete list of phones, please go to link: www.nfcworld.com/nfc-phones-list/#available

- **Admin Phone** – a lock can only have one Administrator phone at a time. Only smartphones are used as Administrator. One admin phone can manage up to 250 deadbolts.

- **Access Log (Audit Trail)** - the K3 app features a 24 / 7 activity log, so you can keep track of who accessed the lock. A timestamped access log can be shared by the Admin phone via email. 10,000 audit trail entries.

- **Smart L / R Handing Learning** – DB9000 can be installed on a left handed or right handed door. The deadbolt can automatically learn the handing of the door when this feature is set up.

- **Key / Thumb-turn Turning Detector** – when operating DB9000 mechanically (key override) or manually (turning the thumb-turn from the inside), the deadbolt detects it and the event will be registered in the access log.

- **Door Jam Protector** – if the bolt fails to retract or project, due to any obstacles (e.g. door frame is not aligned with the door), the deadbolt will detect it and will stop turning the motor after a few tries. This feature is to prevent it from over-heating which could cause permanent damage to the circuit boards.

- **Optional Auto Re-locking** – Admin has the option to set time for deadbolt to automatically re-lock, from 10-250 seconds.

- **Passage Mode** – disable auto re-locking feature for passage mode.

- **Tones and LED Indicators** – indicates the operating status of the lock accompanied by the corresponding tones / beeps.

- **Restricted Access Right** – DB9000 can be programmed to specify the access period or intervals of users.

- **Keypad Anti-Tamper Lockout** – if an invalid code is entered 3 times consecutively, the unit will alarm 10 beeps and stay idle for 1 minute.

- **Remote Switch / Release** – DB9000 provides 2 remote switches. Either can be used for an emergency push button switch, or can be connected to alarm systems IE fire alarms.

- **RFID Card (Standard)** – compatible with existing MIFARE infrastructure. Operates at 13.56 MHz in accordance with ISO 14443A. Inductive distance up to 1 $^3/_{16}$".

- **RFID KEY FOB (Optional)** – compatible with existing MIFARE infrastructure. Operates at 13.56 MHz in accordance with ISO 14443A. Inductive distance up to 1 $^3/_{16}$".

- **Weather Resistant** – the DB9000 is designed to ensure that the internal electronic parts are protected from moisture, dust, water and corrosion. All models are weather resistant with operating temperature of +149°F to -4°F (+65°C to -20°C) and storage temperature of +176°F to -22°F (+80°C to -30°C).

- **Low Battery Warning** – when voltage is lower than safety power, DB9000 gives beep sound warning after unlocking the device.

- **Clutch Technology** – the outside lever of the DB9000 is a free-wheeling lever. If no valid code is entered, the lever will just turn freely without moving any parts inside. Thus preventing breaking or tampering.