

RS2100

STANDARD DUTY GRADE 2

RESIDENTIAL / COMMERCIAL PHONE LOCK

COMPATIBLE WITH APPLE AND ANDROID PHONES



Meets ADA requirements
Specially designed for Barrier Free Application
Conforms with ANSI A156.2, Series 4000, Grade 2 requirements, Exceeds 1,000,000 cycles

- ✓ **APPLE AND ANDROID COMPATIBLE**
- ✓ **BLE (BLUETOOTH LOW ENERGY) MANAGEMENT**
- ✓ **OPTIONAL GATEWAY CONNECTIVITY (REMOTE MANAGEMENT THROUGH THE INTERNET)**
- ✓ **PROXIMITY RFID CARD (13.56 MHz) STANDARD**
- ✓ **DIGITAL TOUCHSCREEN**
- ✓ **TIMESTAMPED ACCESS LOG (AUDIT TRAIL)**
- ✓ **RFID KEY FOB (OPTIONAL)**
- ✓ **1 ADMIN PHONE, 49 CLIENT PHONES PER LOCK**
- ✓ **50 DIGITAL TOUCHSCREEN COMBINATIONS PER LOCK**
- ✓ **50 RFID CARDS / KEY FOBs PER LOCK**
- ✓ **10,000 AUDIT TRAIL ENTRIES**
- ✓ **1 ADMIN PHONE CAN MANAGE UP TO 250 LOCKS**
- ✓ **EMERGENCY KEY OVERRIDE**
- ✓ **INDIVIDUAL USER ACCESS MODE**
- ✓ **PASSAGE MODE**
- ✓ **WEATHER RESISTANT**
- ✓ **BUZZER & LED INDICATORS**
- ✓ **ANTI-TAMPER LOCKOUT**
- ✓ **LOW BATTERY WARNING**
- ✓ **EMERGENCY CHARGE INTERFACE**
- ✓ **CLUTCH TECHNOLOGY**
- ✓ **NON-HANDED, REVERSIBLE**
- ✓ **2 YEAR WARRANTY**



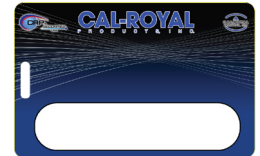
RFID KEY FOB (optional)



BLEGW-99 (optional) Internet to Bluetooth signal converter (BRIDGE)



9V EMERGENCY BATTERY PORT



RFID CARD

SPECIFICATIONS

APPLICATIONS

For residential and standard duty commercial applications.

DOOR RANGES

1 3/8" to 1 3/4" thickness.

BACKSET

2 3/8" Standard, optional 2 3/4"

LATCH FACEPLATE

Standard 2 1/4" x 1" for 2 3/8" backset.
Optional 2 1/4" x 1 1/8" for 2 3/4" backset.

PROXIMITY CARD (STANDARD)

2 pcs. 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).

BLE GATEWAY CONNECTIVITY

Optional BLE Gateway connectivity for remote lock management.

CLUTCH

Clutch technology allows turning of lever without retracting latch. Thus prolonging the life of the lock by reducing stress on the spindle and other parts.

CYLINDER & KEYWAYS

5 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 +149°F to -4°F (+65°C to -20°C) and storage temperature ranges of +176°F to -22°F (+80°C to -30°C).

BLUETOOTH CONNECTIVITY

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

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.

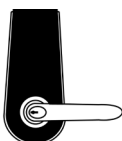
STRIKES

Full lip strike standard. ASA strike available on request.

FINISHES AVAILABLE		
BHMA SYMBOL	US CODE	DESCRIPTION
605	US3	Polished Brass
613	US10B	Oil Rubbed Bronze
619	US15	Satin Nickel
626	US26D	Satin Chrome

Refer to price list for stock finishes and functions

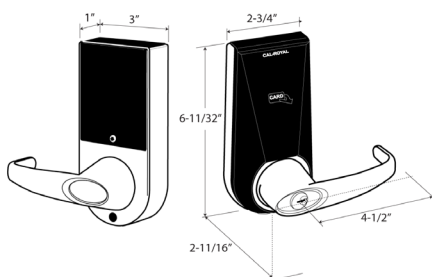
RS2100



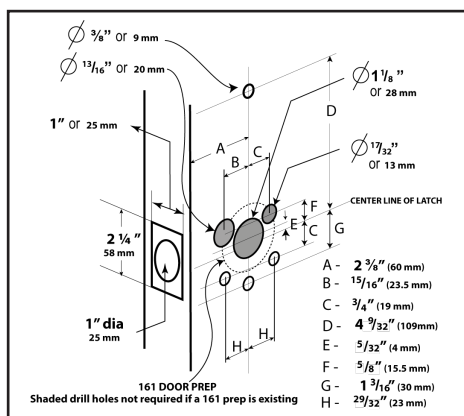
FUNCTIONS

Latch bolt operated by lever from either side, except outside has to use a pre-programmed RFID card or a registered smart phone to touch the face of the face lock in order to retract the latch upon turning the lever. Key overrides the use of the RFID card and smartphone.

TECHNICAL SPECS	
Operating Voltage	4x 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)
Operating Humidity	5% to 95% relative humidity; non-condensing
Transmit Frequency	13.56 MHz
User ID Capacity	1 Admin + 49 Client Phones + 50 Digital Touch screen Combinations + 50 (Cards / Key Fobs)



DOOR PREPARATION



FEATURES

- **Apple and Android Compatible** – iPhone 4S or above with iOS 8.0 and above. Android 4.3 or above with Bluetooth Low Energy capability.
- **Gateway Connectivity** – optional gateway device to connect compatible locks to the internet, so users can manage locks remotely.
- **Bluetooth 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 locks.
- **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.
- **Passage Mode** – once enabled by the Admin, the unit is unlocked continuously until "Disable Passage Mode" is initiated.
- **Tones and LED Indicators** – indicates the operating status of the lock accompanied by the corresponding tones / beeps.
- **Restricted Access Right** – RS2100 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.
- **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 RS2100 is designed to ensure that 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, RS2100 gives beep sound warning after unlocking the device.
- **Clutch Technology** – the outside lever of the RS2100 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.
- **Non- Handed** – RS2100 is reversible for left and right hand openings.