KitLock
by Codelocks

DATA SHEET 2020

KL1100 RFID

Introducing the KL1100 RFID lock from KitLock by Codelocks. Featuring a stylish, slimline front plate the KL1100 gives any environment a modern, contemporary feel.

Choose between offline or cloud based software options to configure your locks and cards. The KL1100 is perfect for applications with a large quantity of lockers that would benefit from issuing and managing Card Clients from reception desks, for example, gyms, leisure centres, hospitals, hotels, schools and universities.

The KL1100 is easy to install, operate and manage, featuring a powered latch[1] enabling intuitive 'push shut' closing. Available in a Metallic Silver or Gloss Black finish.

Battery override

Private and Public Functions

Smart card access control

Emergency override code

STANDALONE MODE

Standalone Mode requires a keypad Programmer[2] (sold separately) for adding/deleting cards and managing functions of the lock.

- Locally manage individual locks
- Supports Private and Public Functions
- Master Card
- Up to 50 User Cards per lock
- Up to 10 Technician Cards per lock

RCA MODE

Remote Card Authorisation (RCA) Mode offers remote management allowing Card Clients to be created and managed via offline or cloud based software and a USB card reader[3].

- Remotely manage individual or a group of locks
- Supports Private and Public Functions
- Up to 250 locks within a lock group
- Master Card and Technician Cards
- Multiple User Cards per lock

1

2

3

NFC

KL1100 electronic

KL1100_ex.0820

www.codelocks.com

CODELOCKS

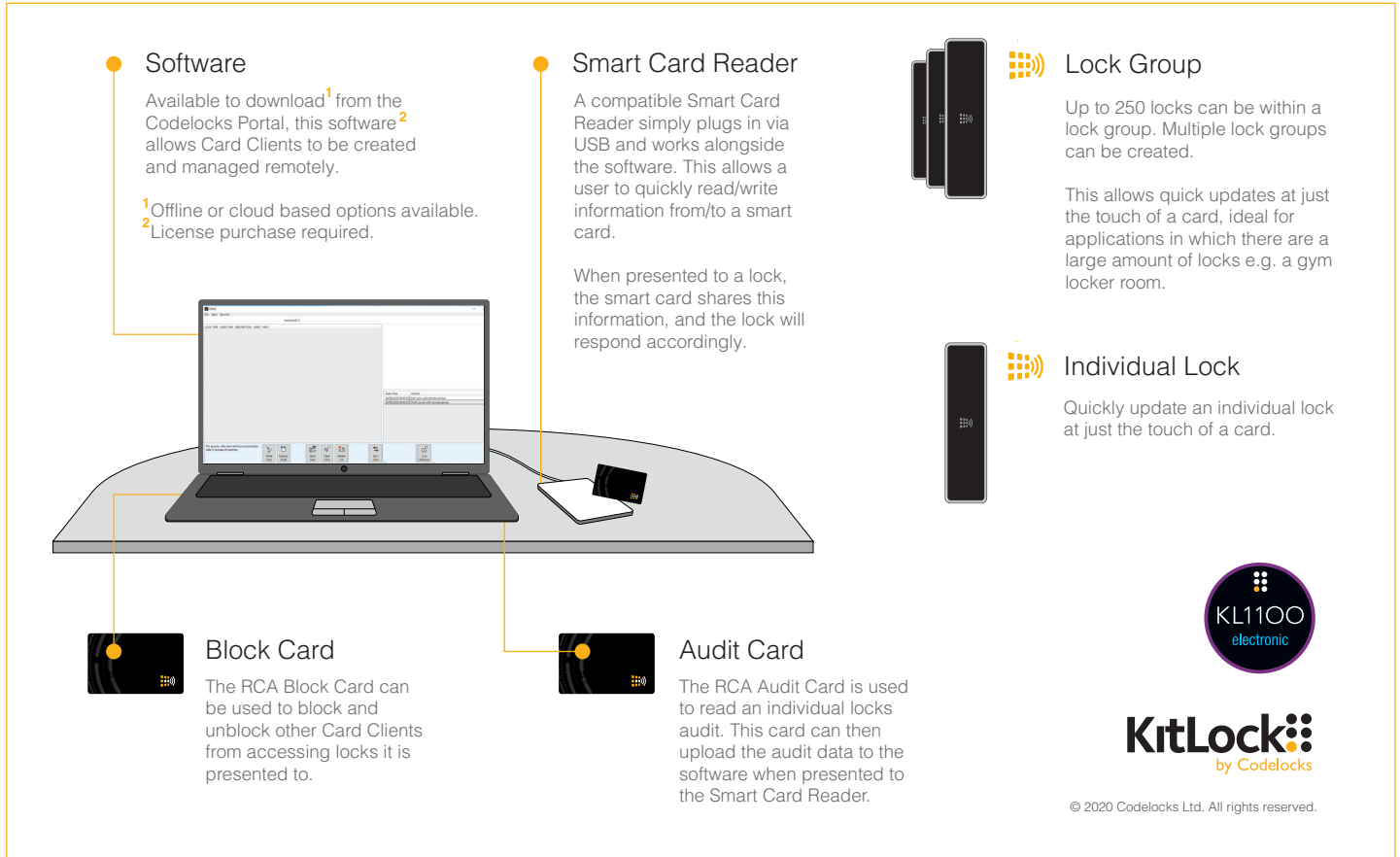AMERICAS • UNITED KINGDOM • EUROPE • MIDDLE EAST & AFRICA • ASIA PACIFIC

👤 PRIVATE FUNCTION

This function is used where the same pre-registered User Cards are repeatedly used, auto-locking after each opening. Up to 50 individual User Cards, 10 individual Technician Cards and 1 Master Card can be registered per lock.

👥 PUBLIC FUNCTION

The user presents a compatible card to an available open lock, this locks the lock and only that User Card, or a registered Technician/Master Card can be used to unlock the lock. The lock remains open ready for the next user. This function is used for short-term, multi-occupancy applications.

RCA OVERVIEW

Software

Available to download[1] from the Codelocks Portal, this software[2] allows Card Clients to be created and managed remotely.

[1] Offline or cloud based options available.
[2] License purchase required.

Smart Card Reader

A compatible Smart Card Reader simply plugs in via USB and works alongside the software. This allows a user to quickly read/write information from/to a smart card.

When presented to a lock, the smart card shares this information, and the lock will respond accordingly.

Lock Group

Up to 250 locks can be within a lock group. Multiple lock groups can be created.

This allows quick updates at just the touch of a card, ideal for applications in which there are a large amount of locks e.g. a gym locker room.

Individual Lock

Quickly update an individual lock at just the touch of a card.

Block Card

The RCA Block Card can be used to block and unblock other Card Clients from accessing locks it is presented to.

Audit Card

The RCA Audit Card is used to read an individual locks audit. This card can then upload the audit data to the software when presented to the Smart Card Reader.

KL1100 electronic

KitLock by Codelocks

BENEFITS

Auto-Unlock at a set Time (Public)
Configure the lock to automatically unlock at a predefined time.

Maximum Locked Period (Public)
Configure the lock to automatically unlock after a predefined period.

Dual Authorisation (Private)
This feature requires any 2 authorised Card Clients (either User or Technician) to be presented within 5 seconds of each other for the lock to unlock.

Override Code
A 4 digit code that allows emergency access in the event of the Master Card being unavailable. It is recommended an Override Code is created during set up. Programmer required.

SPARES + ACCESSORIES

Smart Cards
13.56MHz RFID Smart Cards, sold in multiples of 10.

Programmer
One programmer can be shared amongst a group of locks. The Programmer is sold separately.

Smart Card Reader
A compatible USB card reader is included as standard with all purchases of a software license.

ADA Pull Handle
Optional pull handle (pictured right) available for compliance with the Americans with Disabilities Act (ADA). US only.
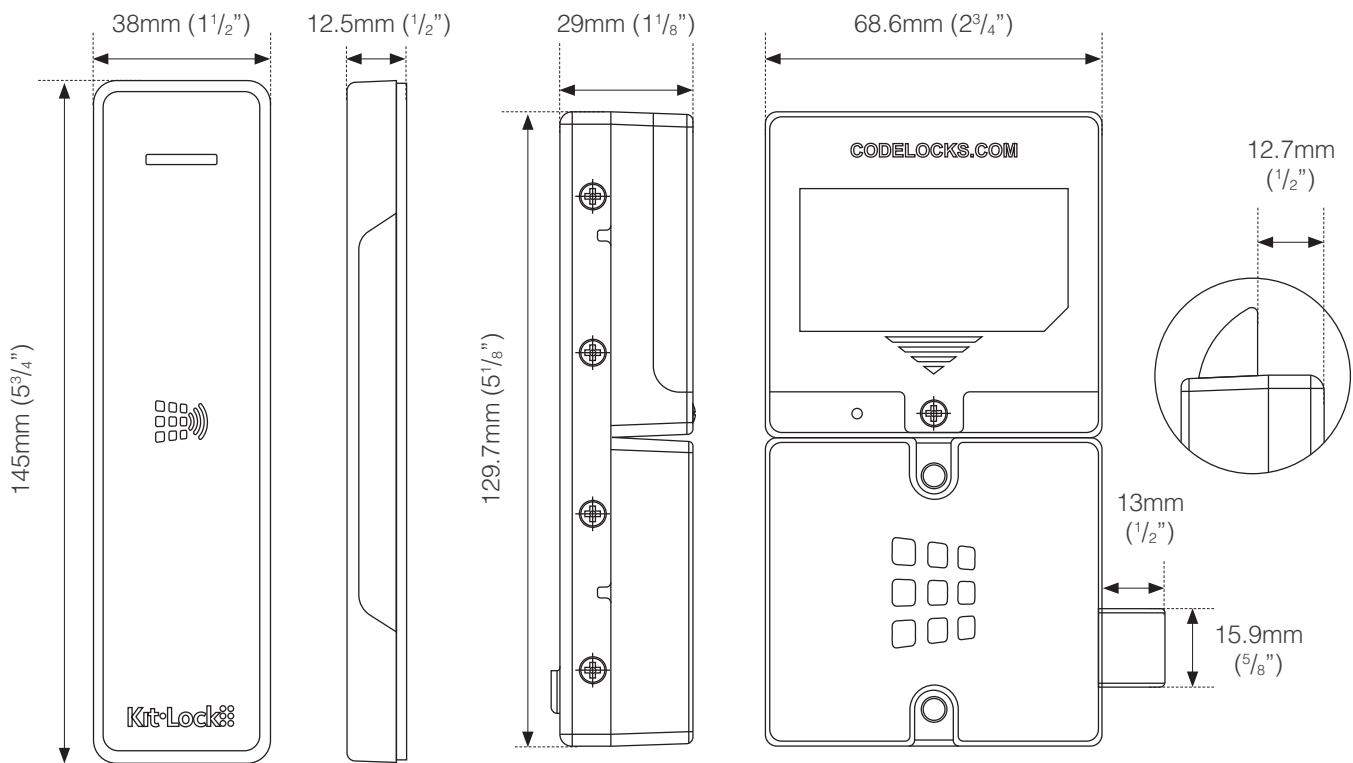
KL1100_ex:0820

TECHNICAL SPECIFICATION

FEATURE	DESCRIPTION
Operations	Up to 100,000 operations
Low Battery Warning	Red LED will flash 3 times before unlocking
Power	Powered by 4 x 1.5 volt AA batteries (supplied)
Battery Override	Connect to 5V micro USB power source for temporary power
Door Thickness	Ready to fit doors up to 25mm (1")
Finish Colour	Metallic Silver or Gloss Black
Memory	Non-volatile memory - programming will be retained
Latch	Powered latch
Card Client Types	Master, Technician, User, Initialisation, Block and Audit - Supports MIFARE® Classic 1k
Orientations	Vertical - Left Hand or Right Hand
Material	Mixed plastic and alloy
Functions	Public and Private

DIMENSIONS

KL1100_ex-0820

www.codelocks.com

::: CODELOCKS

AMERICAS • UNITED KINGDOM • EUROPE • MIDDLE EAST & AFRICA • ASIA PACIFIC