Smart Series

SmartLinc II & SmartPoint

Programmable Multi-User Safe Locks

LA GARD

LA GARD Smart Series at a Glance

The Smart Series products offer advanced features for controlling safe access. SmartLinc, SmartLinc II and SmartPoint together make up the LA GARD Smart Series. Retail, banking and commercial environments require safe locking systems that provide the highest form of security and access control; the system must be durable and accurate, offer efficiencies to enhance employee productivity, yet ensure accountability. These features are the foundation of the LA GARD Smart Series.

The Smart Series offers a range of features: multiple master codes, 8-98 users and the ability to manage up to five locks from a single logic module. Accountability is more than a deterrent; it's the strongest weapon available to prevent internal theft. The Smart Series provides accountability through indisputable audit information. The advanced features of SmartLinc II and SmartPoint offer up to 4000 audit events in each lock and 1000 system events at the logic module.

Ensuring your employees' safety and security is paramount. Features like Silent Signal or Duress Alarm, Time Lock scheduling and Time Delay allow for time controlled access and warnings to be sent in the event of a robbery.

Retail	Quick Service Restaurants	Banking

«Smart Series safe locking systems are the best choice in a retail environment. Most retailers have more than one store manager requiring access functions not available to a user. The advanced Smart Series features one General Manager controlling all other managers and users, while a Grand Master code is maintained at the corporate office.»

«Food service environments are notorious for their durability requirements when it comes to hardware. The Smart Series units are designed to take the hard usage that comes from working with soda, pizza dough and that special sauce!»

«Multiple time delay override codes allow select personnel access without waiting for the time delay period to elapse. Cash carriers view only one TDL code as inefficient. The manager can select multiple "Users" with TDL access. Multiple cash carrier employees can be enrolled. Audits confirm who received the cash and when.»

Efficient and reliable

Durable and accurate

Safe and secure

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Smart Series Features

Multiple Locks
Up to five locks can be enrolled in the system, and managed by a single logic module.

Time Lock
Two time lock periods are available and selectable by lock.

Time Delay
Entering a valid combination will begin the delay period. The lock can not be opened until the delay period ends.
   Delay Period: 1 - 99 minutes • Open Period: 1 - 19 minutes

Time Delay Override
Enables any user assigned for this feature to override the delay period and open the lock.

Dual Token (SmartLinc)
Use of eKey^{II} along with user code for identification purposes.

Dual Code
Requires the use of two valid combinations (and/or fingerprints with biometrics) to open the lock.

Silent Alarm
Duress signal is sent to alarm box if the last number of the combination is entered using either one number higher or lower. Lock will open without indication that duress signal has been sent to the alarm system.

Remote Override
Input signal to the Alarm Box will disable opening of the lock by a valid combination (or finger with biometrics).

Multiple System Operation Modes (SmartLinc II/SmartPoint)
   • Code Only†
   • Dual Code†
   • Finger Only*
   • Finger plus Code*†
   • 2 Fingers*
   • 2 Fingers plus 2 Codes*†

* With SmartPoint   † Code required to maintain UL listing

	SMARTLINC	SMARTLINC II	SMARTPOINT
Master Code(s)	1	2	2
Manager(s) & Users	9	98	98
Dual Token - eKey	YES		
Dual Code Options	YES	YES	YES
Stored Audit Events			
• Lock	512	4000	4000
• Logic Module		1000	1000
Software			
• Program & Audit		YES	YES
• Audit Only	YES	YES	YES
• Lock Program Template		YES	YES
Biometric Access			YES

Smart Series Options & Accessories

Available Entries

**SmartLinc &
SmartLinc II Logic Module**
(without biometrics)

SmartPoint Logic Module
(with biometrics)

Available Lock Types

Swingbolt

Deadbolt

Springbolt

**Redundant
Mechanical 4-Wheel**

Locks are UL and VdS Listed.

Cables
- Programming Assembly, Lock Cable & Serial Interface
- Logic Module and Lock Programming Cables
- Multi-Length Cable Assemblies
- eKEY[II]

Accessories
- Interface Box
- A/C Power Adaptor

Options

- Small and Large Battery Alarm Box
- Large Battery Box
- Knob Assembly (For use with Deadbolt or Springbolt Locks)
- USB Fingerprint Reader
- Armored Alarm Cable Protector

Software
Software for the Smart Series consists of three components, all conveniently included on one CD. Setup, as well as Total Audit software, installs automatically, while the User Setup software is an optional installation.

The Setup Software allows you to set features on both the lock(s) and logic module. Setup features include:
- Time Lock Periods
- Special Events
- Time Delay Override
- Number of Fingerprints (SmartPoint)
- Number of Users
- Uploadable Firmware Updates

The Total Audit software allows you to download audit information from both the lock(s) and logic module. The last 1000 system events may be downloaded from the logic module, while each lock records up to 4000 events. The lock status and a detailed lock setup report may also be downloaded.

Since the Smart Series Systems offer up to 100 Users, there is a separate software program to manage the users and enroll them into the system – the User Setup software. User Names and Codes can be input via the software and then uploaded to the logic module. With the use of the USB Fingerprint Reader, users' prints may be enrolled via the software as well (SmartPoint).

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Smart Series Biometrics

Safes located in retail, banking or commercial environments require secure access by multiple users. Entry to the safe's cash supply is typically via key or combination (PIN). There are risks inherent to these options; keys are easily lost or duplicated, combinations can be forgotten, lost or given to others. Often there is no record of these access events. Access control based on biometrics eliminates the exposure, cost and downtime associated with lost keys and combinations, while making it possible to establish a user's identity based on "who they are" rather than "what they possess" or "what they remember."

The SmartPoint Biometric Recognition Locking System captures the unique and significant features of a human fingerprint to allow or deny safe access. The authorized person must be physically present for access to be granted, ensuring positive identity and the accuracy of the audit. The SmartPoint software uses highly secure algorithms to recognize and analyze the unique relative positions of the fingerprint patterns. Actual finger prints are not recorded. This guards against any possible "identity theft" issues. SmartPoint will accurately verify or deny a fingerprint from a database in a fraction of a second.

The biometric reader features patented Light Emitting Sensing (LES) technology. LES has been tested to more than 1.5 million touches and has proven immune to electro-static discharge, nicotine and other elements that negatively impact competing scanning technologies. LES' unique method of image capture effectively overcomes issues of dry, wet and slick fingers that commonly defeat other finger input technologies. In addition, Live Finger detection eliminates spoofing by gummy or silicon replicas.

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Benefits of Biometrics
- Increase management efficiency for the control of employee safe access rights.

- Eliminate hard and soft costs associated with keys and combinations.

- Create a non-refutable identification and hold each user accountable through extensive audit capabilities.

- Control multiple compartments within a single safe with one biometric unit.

- Economical retrofit for existing mechanical or electronic locks.

- Biometric reader passed the Class 1 requirements set forth by the U.S. National Biometrics Security Project (NBSP) with a false acceptance rate of less than one in one million.

Biometric Features
Light Emitting Sensor Technology
Highest usability
- Curved face

- Teflon contact surface
- Highest quality image generation (650 DPI captured)

Durability
- No Electro Static (ESD) sensitivity
- Does not absorb skin oils or nicotine
- Tested to 1.5 million touches
- Designed for high traffic applications

Intrinsic Live Finger Sensing
- No False Reject Rate (FRR) impact
- Spoof-proof - cannot be fooled with artificial gummy or silicon replicas

Specifications
Environment
Temperature - 32ºF to 120ºF (0ºC to 49ºC)

Humidity - 86ºF (30ºC) and 85% relative humidity for 24 hours

Verification Time
Less than 1 second, typical

Maximum # Templates: 100
- 100 users/1 fingerprint per user
- 50 users/2 fingerprints per user
- 33 users/3 fingerprints per user

Power
Recommended 12v DC (regulated)
Maximum 14v DC

9v battery backup in the event of power failure

Communication
RS-485. Minimum 9.6k baud, maximum 38.4k baud.

Memory
Non-volatile. Information contained in lock (including logs and set-up) will not be lost in the event of power loss.

Input (logic) module: Zamak

Keypad
Highly durable polyester with domed keys.

LCD Display
Back-lit for viewing ease.

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MAS

The Kaba Safe Lock Division relies on product innovation to meet our markets' ever-changing needs for loss prevention and access control solutions.

The Kaba and LA GARD brands are synonymous worldwide with security, control and accountability.

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