

# Keyscan LUNA SDACSKT

## Single door access control smart kit



# Total control for single door access

The Keyscan LUNA Single Door Access Control Smart Kit (SDACSKT) contains:

- SDAC single-door access control unit
- PS1225 Plug-in 12VDC transformer power supply
- K-SMART3 13.56 MHz mobile-ready reader
- K-SECURE1K10 package of 10 card credentials

The access control unit is quickly configured and installed. It features two reader ports allowing a single door in or out reader or a single door with in and out readers controlled by an electric strike or electromagnetic lock depending on your project specifications.

The combination of single access control unit, one reader, 10 credentials, power supply and comprehensive software, brings affordable access control security, accountability, and reporting to small businesses for a fraction of the cost of enterprise systems.

To order the SDACSKT contact your local dormakaba representative.

To begin, simply download Keyscan LUNA software.

### LUNA Software capabilities:

- People Management: manage users, assign credentials and permissions.
- Hardware management: install, configure and operate up to 6 SDAC control units.
- Can program select E-Plex offline electronic locks.
- Settings: adjust performance and preferences.
- Access levels: set permission levels and user groups.
- Schedules: for pre-authorized entry times.
- Transaction reports: for audits and investigations.

### LUNA Software benefits:

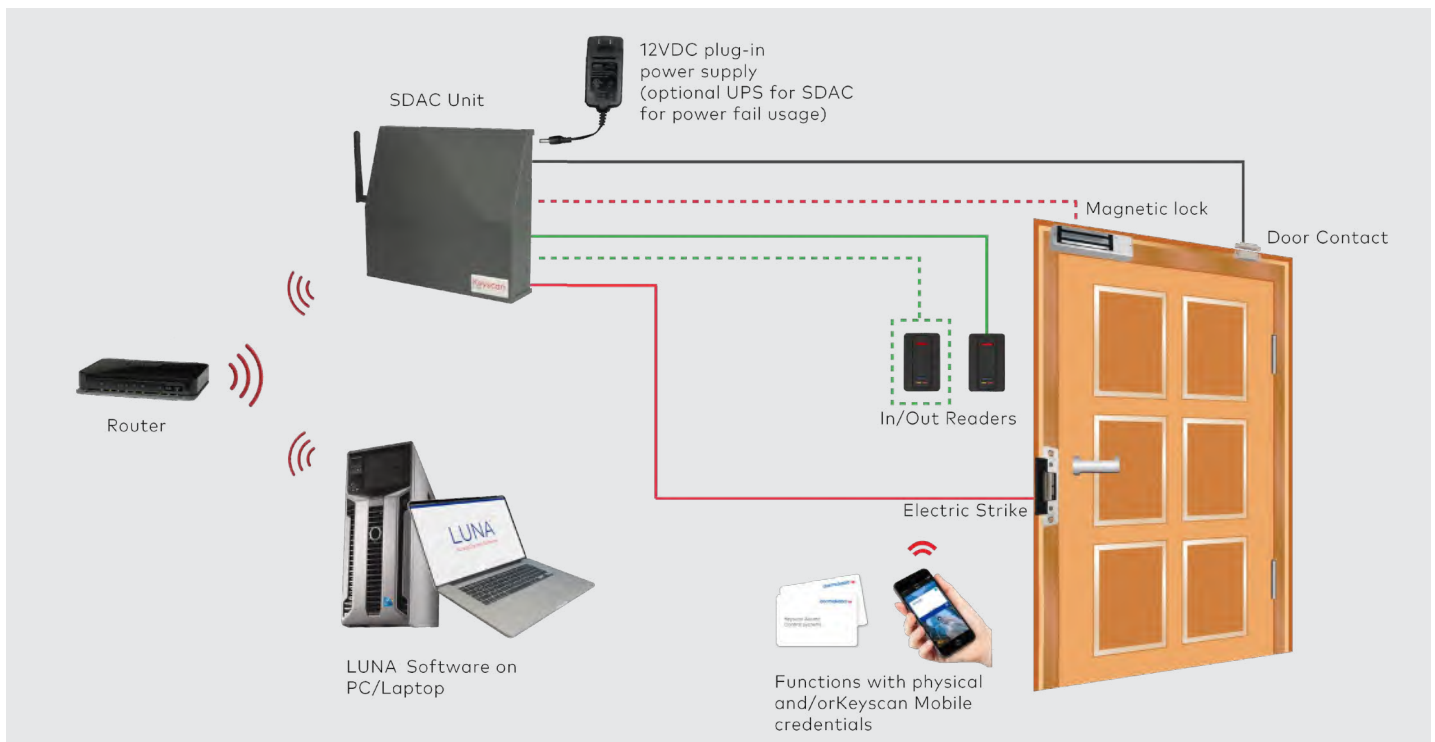
- Comprehensive and easy to use.
- Encrypted database.
- Software for small business access control needs.
- Downloadable and can be run from a USB drive.
- No licensing or recurring fees.

### Features and benefits

- A convenient and cost-effective single door control solution featuring: SDAC Unit; K-SMART3 reader;
- K-SECURE1K10 (10-pack) credentials, 12VDC 2.5Amp transformer power supply - all in one package.
- 1 powered relay (up to 500mA at 12 VDC) for electric strike or electromagnetic lock (sold separately).
- Network configuration WiFi embedded web server.
- Fast and convenient WiFi point-to-point or WLAN connectivity only.
- DIP switches for system options.
- Selectable filter transaction reports.
- Use LUNA to program additional E-Plex 7900, 3x00 and 5x00 Series electronic locks

(Requires M-Unit handheld & E-Plex locks sold separately)

### Typical WiFi installation:



**Specifications**

<b>Doors supported</b>	1
<b>Reader ports</b>	2 (in/Out)
<b>Dimensions</b>	W - 6.875 " (17.46 cm) x H - 7.625 " (19.37 cm) x D - 1.75 " (4.45 cm)
<b>Weight</b>	1.7 lbs (780g)
<b>Housing</b>	22 GA steel, gray powder coat
<b>Environmental</b>	Operating Temperature: 32° F to 120° F (0° C to 49° C) Humidity: 0 % to 90 % R.H, non-condensing
<b>Power inputs</b>	+12V DC from supplied plug-in transformer or independent power supply
<b>SDAC Current</b>	170 mA to maximum 200 mA
<b>Communication</b>	802.11 Wireless b/g/n Adapter
<b>PTC Resettable fuses</b>	Reader port 1 – Up to 500 mA Reader port 2 – Up to 500 mA Door output – Up to 500 mA RTE port – Up to 300 mA
<b>Software requirements</b>	LUNA
<b>Applications</b>	Indoor installations only

**LUNA Software specifications**

<b>Processor</b>	Intel Core i3 equivalent or better
<b>RAM</b>	8 GB RAM, 2400 MHz, DDR4
<b>Hard Drive</b>	100 GB of free space
<b>Operating Systems</b>	Windows 10 Home/Professional/Enterprise Windows 8 Professional/Enterprise Windows 7 Home/Professional/Ultimate
<b>Communication</b>	802.11 Wireless b/g/n Adapter
<b>Peripherals</b>	Keyboard & Mouse USB Port Minimum screen resolution of 1024 x 768 ppi
<b>Offline Locks Supported (optional)</b>	E-Plex 7900, 5600, 5700, 3600, 3700 series

**K-SMART3 specifications**

<b>Dimensions</b>	Mullion: 4.4375" x 1.6875" x .6875" (11.5 cm x 4.49 cm x 1.7 cm) Switch Plate: 4.75" x 3" x .625" (12 cm x 7.6 cm 1.6 cm)
<b>Credential Read Range</b>	On or off metal: 1" (3 cm) with ISO type card
<b>Mobile credential read range</b>	Four BLE read ranges: Short range (default), Medium range; Long range; Maximum range (all read ranges are subject to installation of reader and type of mobile device used)
<b>Input voltage</b>	12VDC at reader
<b>Typical current draw</b>	125mA
<b>Cable distance</b>	12" wire pigtail standard; Wiegand interface 500 feet (152 meters); 6 conductor shielded 22 AWG
<b>Operating temperature</b>	- 40° F to 150.8° F (- 40° C to 66° C)
<b>BLE programming card</b>	BLE1 card to program BLE reader range setting—short, medium, long or maximum (package of five identical programming cards, sold separately) Only required if Keyscan mobile credentials are being used and read range adjustment is required.
<b>Environmental</b>	Secured in a rugged, tamper-resistant epoxy potting designed to with-stand harsh weather conditions. Easily installed in any location.
<b>Connections</b>	Connections must be in accordance with NFPA 70. Reader and/or control unit power sources must not be connected to a receptacle controlled by a switch.

**K-SECURE1K specifications**

<b>Frequency</b>	13.56 MHz smartcard
<b>Formats</b>	Keyscan 36-bit
<b>Material</b>	Gloss white PVC
<b>Marking</b>	Card batch and card number
<b>Read Range</b>	1" (24.4 mm) with ISO card style.
<b>Outputs</b>	Wiegand format, Secure Sector Batch & Card number
<b>Dimensions</b>	2.1" W x 3.3" H x 0.031" D (54 mm x 85 mm x 0.79 mm)
<b>Weight</b>	0.19 oz (5.4 g)
<b>Environmental tolerances</b>	-35° F to 122° F (-37° C to +50° C); 0-95% non-condensing
<b>Memory</b>	1K & 4K, suitable for 3rd party applications (biometrics, logical network access and cashless vending).
<b>ISO Standards technology</b>	Graphics quality; ISO 14443; Size: ISO 7810 (ID-1) (CR-80)
<b>Reader compatibility</b>	Keyscan K-SMART3; K-SMART; K-SKPR readers
<b>Customization</b>	Contact dormakaba Canada for custom graphic images on cards.

## Peripheral and replacement products



### **K-SMART Smartcard BLE Reader**

You'll receive one K-SMART3 13.56 high frequency smartcard reader with your SDACSKT purchase. If you require a replacement K-SMART3 reader or wish to add another reader to your SDAC, they are available.

Part No: K-SMART3



### **K-SECURE credentials**

You'll receive a 10 pack of K-SECURE 1k credentials with your SDACSKT purchase. Additional K-SECURE series credentials are available in both 1K or 4K memory cards or 1K keyring Fobs.

Part No: K-SECURE1K10 (10 pack, cards)

K-SECURE 1K memory (50 pack, cards)

K-SECURE 4K memory (50 pack, cards)

K-SF-1K memory (50 pack, Fobs)



### **SDAC Replacement WiFi Antenna**

If you require a replacement WiFi antenna for use with SDAC access control unit these are readily available.

Part No: SDRA



### **PS1225 Plug-in power supply replacement**

You'll receive one plug-in 12VDC power supply transformer with your SDACSKT. If you need to replace this transformer power supply it is available separately.

Part No: PS1225

EAD\_1830\_BR\_EN CEI 0525  
Subject to change without notice

**dormakaba USA Inc.**

6161 E. 75th Street  
Indianapolis, IN 46250  
1-888-539-7226

**dormakaba.us**



dormakaba.com