

SC Self Contained ELECTRONIC LOCKING SYSTEM

The Self Contained Electronic Locking System incorporates an access control system, electronic lock, electrical override and simple external AA battery power supply into a single integrated unit. Available with digital keypad or RFID access control, the system installs into a single hole door cutout for quick and easy installation with no additional wiring required.





SC Self Contained Electronic Locking System

Electronic access (RFID Version)

southco
CONNECT · CREATE · INNOVATE

- No wiring required
- Battery Operated (3 AA)
- Accepts MIFARE® Classic, MIFARE® Plus, MIFARE® DESFire® and HID smart cards**
- Up to 20 User cards per lock
- Vertical or Horizontal orientation
- Custom colors and logos available
- Fits 25 x 150mm door preparation
- Multiple cam offsets to accommodate multiple applications
- Rod systems available for multi-point latching
- Up to 50,000 cycles on 3 AA batteries
- Manager key with 9V battery for electrical override
- Easy programming

Material & Finish

Housing, Trim Plate, Mounting Cup:

V0 PC/ABS

Knob: Die cast zinc

Screw, Snap Ring: Steel



Custom colors available - Contact Southco for Details



Latch Assembly Part Number (no cam)

SC - 20 - 100 D - 10*

D Mounting Cup Type

0 - Tall

1 - Short

Cams, RFID cards, and keys ordered separately.

***Note:** Remove '10' for latch without Southco logo.

D Mounting Cup Selection

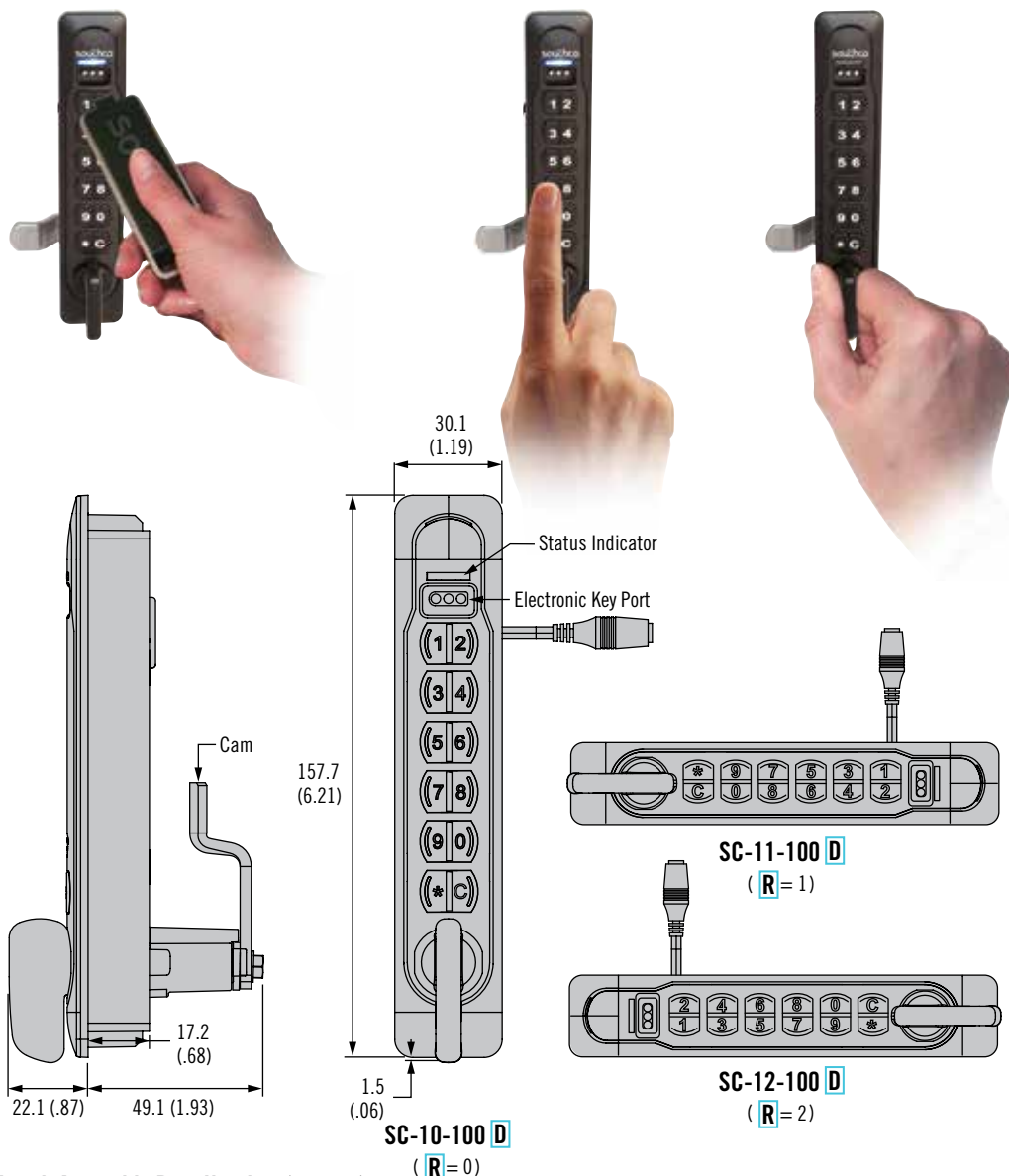
Door Thickness Range	Mounting Cup Type
1 - 5 (0.04 - 0.19)	Tall Cup D = 0
5 - 10 (0.20 - 0.39)	
10 - 15 (0.40 - 0.59)	
15 - 20 (0.60 - 0.79)	Short Cup D = 1
20 - 25 (0.80 - 0.98)	

Note: Detailed instructions regarding system set-up and operation are included with each latch assembly.

** MIFARE Classic, MIFARE Plus, MIFARE DESFire are trademarks of NXP B.V. and are used under license. HID is a registered trademark of HID Global.

SC Self Contained Electronic Locking System

Electronic access (Key Pad Version)



Latch Assembly Part Number (no cam)

D Mounting Cup Type

0 - Tall
1 - Short

SC-1 R - 100 D - 10*

R Orientation

0 - Vertical
1 - Horizontal, Knob Left
2 - Horizontal, Knob Right

Cams and keys ordered separately.

***Note:** Remove '10' for latch without Southco logo.

Note: Detailed instructions regarding system set-up and operation are included with each latch assembly.

D Mounting Cup Selection	
Door Thickness Range	Mounting Cup Type
1 - 5 (0.04 - 0.19)	Tall Cup D = 0
5 - 10 (0.20 - 0.39)	
10 - 15 (0.40 - 0.59)	
15 - 20 (0.60 - 0.79)	Short Cup D = 1
20 - 25 (0.80 - 0.98)	

- Simple Keypad Access
- Battery Operated (3 AA)
- Up to 20 unique user codes of any combination
- Vertical or Horizontal orientation (specify when ordering)
- Custom colors and logos available
- Fits 25 x 150mm door preparation
- Multiple cam offsets to accommodate multiple applications
- Rod systems available for multi-point latching
- Up to 50,000 cycles on 3 AA batteries
- Manager key with 9V battery for electrical override
- Easy programming

Material & Finish

Housing, Trim Plate, Mounting Cup:

V0 PC/ABS

Knob: Die cast zinc

Screw, Snap Ring: Steel

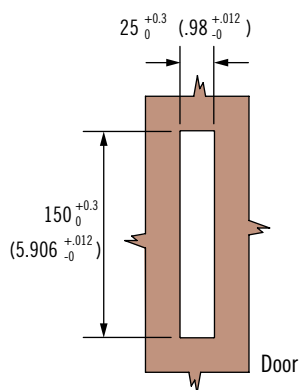


Custom colors available - Contact Southco for Details



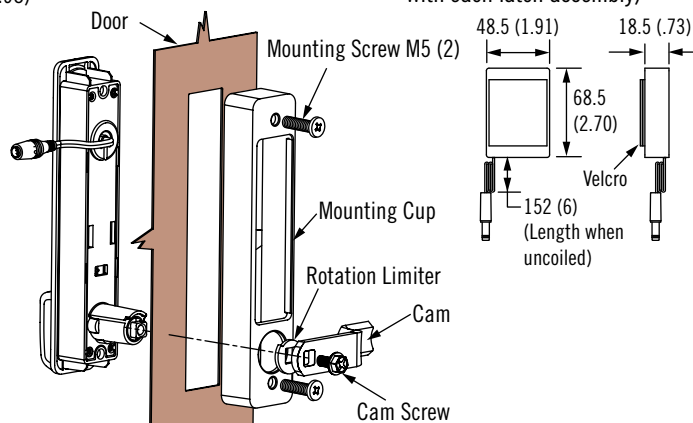
Installation

Door Preparation
Door Thickness 1mm-25mm (.04 - .98)

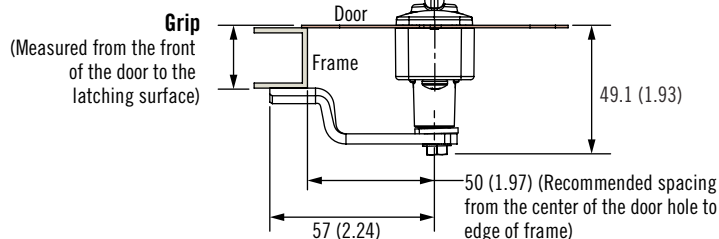


Battery Box

(Mount inside the door, included with each latch assembly)



Grip Measurement



Electronic Key Part Numbers (Order Separately)

Part Number	Description		
SC-A10-10	Programming Key	Used to enroll Manager keys and for Express Registration	
SC-A20-10	Manager Key	Used to enroll User Codes, User Keys and RFID cards	
SC-A30-10	User Key	Provides quick one touch access	

Note: Contact Southco for custom color/ logo options.

RFID Card Part Numbers (Order Separately)

Part Number	Description
EA-C3-100	Card, RFID, 13.56MHz, MIFARE® Classic, 0.8 (0.03) Thick**
EA-C3-100-9	Card, RFID, 13.56MHz, MIFARE® Classic, 0.8 (0.03) Thick, Logo**
EA-C3-101	Card, RFID, 13.56MHz, MIFARE® Classic, 0.8 (0.03) Thick, Slot**
EA-C3-101-9	Card, RFID, 13.56MHz, MIFARE® Classic, 0.8 (0.03) Thick, Slot, Logo**

Note: Detailed instructions regarding system set-up and operation are included with each latch assembly.

** MIFARE and MIFARE Classic are trademarks of NXP B.V. and are used under license.

Dimensions in millimeters (inch) unless otherwise stated

How to Order

Select Latch Assembly

Determine grip

Order cam separately based on grip dimension

Order one programming key per site

Order manager keys as needed

Order RFID cards or User keys as needed

Note: Battery box included

Requires 3 AA Batteries (Not Included)

Cam Part Numbers (Order Separately)

Cam Part Number	GRIP (mm)	GRIP (in)
SC-5000	42.5	1.67
SC-5002	40.5	1.59
SC-5004	38.5	1.52
SC-5006	36.5	1.44
SC-5008	34.5	1.36
SC-5010	32.5	1.28
SC-5012	30.5	1.20
SC-5014	28.5	1.12
SC-5016	26.5	1.04
SC-5018	24.5	0.96
SC-5020	22.5	0.89
SC-5022	20.5	0.81
SC-5024	18.5	0.73
SC-5026	16.5	0.65
SC-5028	14.5	0.57
SC-5030	12.5	0.49
SC-5032	10.5	0.41
SC-5034	8.5	0.33
SC-5036	6.5	0.26
SC-5038	4.5	0.18
SC-5040	2.5	0.10
SC-5042	0.5	0.02