

## Touch Card™ Readers

SK-034, SK-028, SK-029



Touch Card™ technology combines a legacy card technology with a high-tech solid state reader. The cards contain a Barium Ferrite insert, which is encoded by magnetizing spots in a specific pattern with specific polarities. While the original mechanical technology used an insert reader with small magnets and a micro switch, the patented slotless TOUCHCARD™ reader uses sophisticated Hall-effect sensors to read the cards through a stainless steel plate, and it is protected from weather and vandalism.

The Secura Key Touch Card™ Reader is designed to integrate into existing access control systems. Models SK-034 and SK-029 read Secura Key cards. Model SK-034 is used for OEM applications, including many popular telephone entry systems. Some versions are only available through OEM suppliers. Model SK-029 is use for access control applications, and the FMT 34 version is used as a slave reader with Secura Key's 28SA-Plus standalone access control unit.

Model SK-028 allows many customers to retain their Casi Rusco Barium Ferrite cards. Output can be factory configured to meet virtually all user specifications. The patented slotless Touch Card™ reader is protected from tampering and hostile environments. The unit is available in a surface mount housing.



## Features:

- Outputs:
  - Wiegand, Mag Stripe, RS-232 or RS-422
- Patented Slotless Touch Card™ Reader Technology
- Weather and Vandal Resistant
- Inexpensive
- Extremely Easy to Install
- LED Control Options: Single line, Dual line, or Dual line with Constant Red

	SK-034/SK-028/SK-029		
MODEL SUFFIX	READER OUTPUT TYPE		
	W	R	X
Output Type	2-LINE WIEGAND	RS-232	RS485/422
Supply Voltage	9-24 VDC	9-24 VDC	9-24 VDC
Supply Current	65 mA	65 mA	65 mA
Output Sink Current	150mA	N/A	N/A
Operating Temperature	-40° to 158° F (-40° to 70°C)	-40° to 158° F (-40° to 70°C)	-40° to 158° F (-40° to 70°C)
Maximum Distance	500 feet	50 feet	4000 feet
Baud Rate	N/A	1200	1200
Parity	Variable	None	None
Data bits	Variable	8	8
Start/Stop bits	None	1 Stop Bit	1 Stop Bit
Handshake	None	None	None
Surface Housing	H x W x D: 4.60" x 4.00" x 2.25" (11.68 x 10.16 x 5.72 cm) Weight: 14 oz. (0.40 kg) Material: Lexan® Color: Beige		
Regulatory Approvals	UL/cUL294, Part 15 Class B FCC, CE Mark		
Warranty	These Secura Key products are warranted against defects in materials and workmanship for 2 years. Secura Key will replace any Secura Key manufactured product that fails to perform as intended. This warranty does not include freight, taxes, duties, or installation expenses. See price list for complete terms and conditions.		

LED CONTROL OPTIONS	SINGLE LINE LED	DUAL LINE LED	DUAL LINE LED/ RED STAYS ON
Red LED On	BROWN WIRE TO +5 VDC	YELLOW WIRE TO GND	YELLOW WIRE CONSTANT GROUND
Green LED On	BROWN WIRE TO GND	BROWN WIRE TO GND	BROWN WIRE TO GND
LED Off	BROWN WIRE FLOATING	YELLOW & BROWN WIRE FLOATING	N/A

## ORDERING

### READERS:

SK-029W-SM-FMT34 Use as Slave For 28SA-PLUS, Reads SKC-06 Cards  
SK-029W-SM-FMT69 26-Bit Wiegand Output, Reads SKC-06 Cards

SK-034W-SM-FMT 2 For Modern Electronics Systems  
SK-034W-SM-FMT 7 For Select Engineered Systems  
SK-028W-OGV-FMT19 For Casi-Rusco Systems, Reads Casi-Rusco Cards  
SK-028W-SM-FMT22 For Mosler Linx Systems  
SK-028W-SM-FMT30 For Mosler Linx Systems

### ACCESSORIES:

PMA Post-Mount Adapter Plate  
FMA Flange-Mount Adapter Plate  
TS Tamper Switch  
ST-1 Security Tool for Tamper-Resistant Screws  
DTK-CR Surge Suppressor

### CARDS / KEY TAGS

**SKC-06** Barium Ferrite Card, Sequential Numbering w/Fac.Code  
Options: Slot (Portrait), Photo flap, Magstripe  
(Lo/Hi Coercivity), Barcode, Sig Panel

**SKK-06** Barium Ferrite Key Tag, Sequential Numbering  
w/Facility Code. Small eyelet hole at end of card.

**SKC-08 Standard Cards For Modern**  
Options: Slot (Portrait), Photo flap, Magstripe  
(Lo/Hi Coercivity), Barcode, Sig Panel

**SKC-04 Cards For Select Engineered Systems**  
Format 7, OEM 11, Sequential Numbering w/Fac. Code  
Options: Slot (Portrait), Photo flap, Magstripe  
(Lo/Hi Coercivity), Barcode, Sig Panel

20301 Nordhoff Street, Chatsworth, CA 91311  
PHONE (818) 882-0020 • FAX (818) 882-7052  
TOLL-FREE (800) 891-0020

Website: [www.securakey.com](http://www.securakey.com) • E-mail: [mail@securakey.com](mailto:mail@securakey.com)

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