# **TOUCH CARD**<sup>™</sup>



# Touch Card<sup>™</sup> Readers

SK-034, SK-028, SK-029



Touch Card<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> Reader Technology
- Weather and Vandal Resistant

- Inexpensive
- Extremely Easy to Install
- LED Control Options: Single line, Dual line, or Dual line with Constant Red

### TOUCH CARD<sup>™</sup> SPECIFICATIONS

## Touch Card<sup>™</sup> Readers

	SK-034/SK-028/SK-029			
MODEL SUFFIX	READER OUTPUT TYPE			
	W	R	Х	
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 SK-029W-SM-FMT69	Use as Slave For 28SA-PLUS, Reads SKC-06 Cards 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 • E-mail: mail@securakey.com

