TOUCH CARD® READER
SK-034, SK-028, SK-029, SK-038, SK-040*
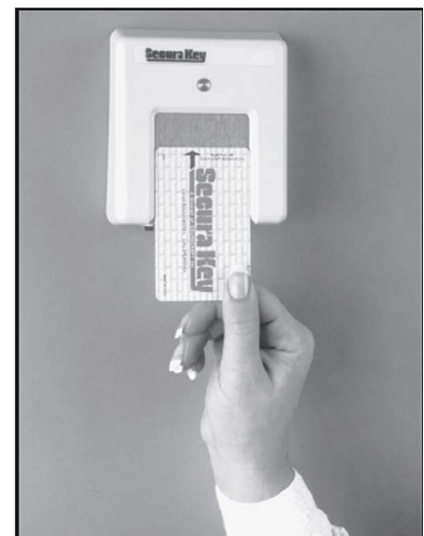
IT'S SLOTLESS

Surface Mount Flush Mount Metal Surface Mount

- **Outputs: Wiegand, Mag Stripe, RS-232 or RS-422**

- **Patented Slotless TOUCH CARD® Reader Technology**

- **Weather and Vandal Resistant**

- **Inexpensive**

- **Extremely Easy to Install**

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. Models SK-028, SK-038 and SK-040 allow many customers to retain their existing 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 surface mount, flush mount, and metal surface mount housings. To order, specify: sk- xxx - y - z - mm - nn (xxx=model number, y=output type, Z=LED control, mm=housing type, nn=data format number).

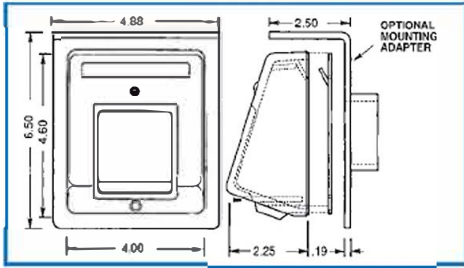* These specifications apply to the SK-034, SK-028, SK-029, SK-038, and SK-040 products.
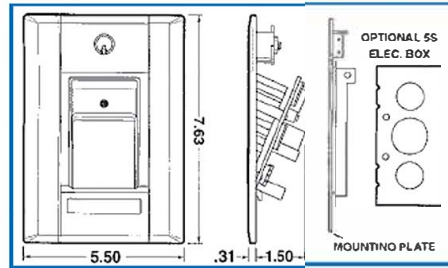
SK-034* SPECIFICATIONS

All dimensions in drawings are indicated in inches.

Surface Housing Suffix: SM

Flush Housing Suffix: FM

Metal Surface Housing Suffix: MH
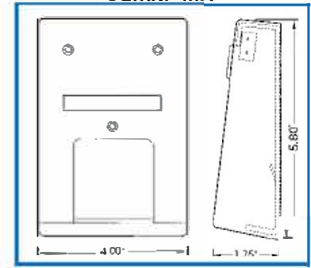
PHYSICAL

	Surface Housing		Flush Housing		Metal Housing	
Depth	2.25 in.	(5.72 cm)	1.50 in	(3.8 cm)	1.75 in	(4.45 cm)
Width	4.00 in.	(10.16 cm)	5.50 in	(13.97cm)	4.00 in	(10.20 cm)
Height	4.60 in.	(11.70 cm)	7.63 in	(19.38 cm)	5.80 in	(14.73 cm)
Weight	14 oz.	(0.40 kg)	14 oz.	(0.40 kg)	39 oz.	(1.11 kg)
Material	Lexan® (Polycarbonate) meets UL standard 94 flame retardant rating				All Steel	

SK-034W Wiegand Type Output

SIGNAL

+5V / 0V Data 0 — 50µsec — 2.0 msec

+5V / 0V Data 1 — 50µsec
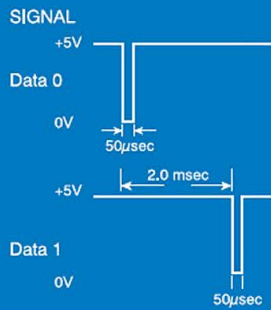
SK-034R RS-232 Output SK-034X RS-422 Output

Signal
RS-232/ V.28±9VDC
EIA RS422

Baud 1200
Format: No Parity
8 data bits
1 stop bit
No handshaking

SK-038S
Single Line Wiegand Type Output

Signal
50µsec
+5V
+2.5V
0V
2 ms

MODEL SUFFIX	READER OUTPUT TYPE			
	W	R	X	S (SK-038 ONLY)
OUTPUT TYPE	2-LINE WEGAND	RS-232	RS485/422	1-LNE WEGAND
SUPPLY VOLTAGE	9-24 VDC	9-24 VDC	9-24 VDC	9-24 VDC
SUPPLY CURRENT	125 mA	135 mA	125 mA	125 mA
OUTPUT SINK CURRENT	15mA	N/A	N/A	15mA
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)	-40° to 158° F (-40° to 70°C)
MAXIMUM DISTANCE	500 feet	50 feet	400 feet	500 feet
BAUD RATE	N/A	1200	1200	N/A
PARITY	VARIABLE	NONE	NONE	VARIABLE
DATA BITS	VARIABLE	8	8	VARIABLE
START/STOP BITS	NONE	1 Stop Bit	1 Stop Bit	NONE
HANDSHAKE	NONE	NONE	NONE	NONE

LED CONTROL OPTIONS	SINGLE LNE 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 WRE FLOATING	N/A

* The specifications also apply to the SK-028, SK-029, SK-038, and SK-040 products.

This product complies with UL 294 Standards, CE (European Standards), and with Part 15 of Class B FCC Rules.

WARRANTY (U.S. and Canadian)

"This product is warranted against defects in materials and workmanship for a period of 2 years from the date of purchase. Secura Key shall, at its option, either replace or repair this product, if returned to us freight prepaid within the warranty period. This warranty does not include freight, taxes, duties, or installation expenses. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. SECURA KEY SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The remedies provided herein are the buyers' sole and exclusive remedies. In no event shall Secura Key be liable for direct, indirect, special, incidental or consequential damages (including loss of profits), whether based on contract, tort or any other legal theory." Contact Secura Key for Card/Tag and Export Warranty Policies.