

RADIO KEY® 100M

Stand Alone Proximity/Access Control with DYNASCAN®* TECHNOLOGY



Radio Key® 100M is a fully programmable, stand alone proximity access control unit that provides entry for up to 100 individual users. Our patented DYNASCAN®* technology assures maximum performance in almost any environment.

To obtain access simply hold the proximity tag or card near the Radio Key® 100M. A short beep on the beeper and a green LED indicate that access has been granted. Denied access (from an invalid tag) is indicated by a long

beep and a red LED. A *Request To Exit* input is provided to allow access remotely via a push button.

Programming is easily accomplished by using an inexpensive proximity programming deck or handheld programmer. Simple instruction sequences allow the addition and deletion of tags from the unit memory, as well as setting the length of the open door time from 1/4 second to 18 hours or to toggle (on/off). PC's and external programmers are unnecessary.

Radio Key® 100M can be used with the SecuRelay™ smart relay module. SecuRelay™ separates the lock/gate control relay from the access control unit for added protection.

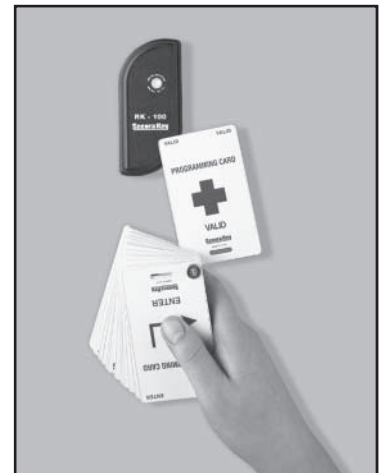
A Wiegand output is provided allowing the RK100M to be connected to a multi-door system, if desired.

Installation of the Radio Key® 100M is extremely easy. Two screws mount the unit to a mullion, masonry wall, post, or almost any surface. There are no bulky control panels to install.



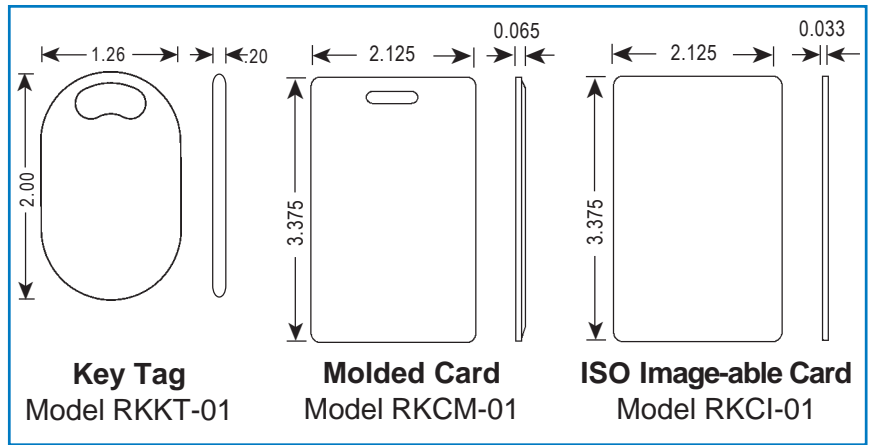
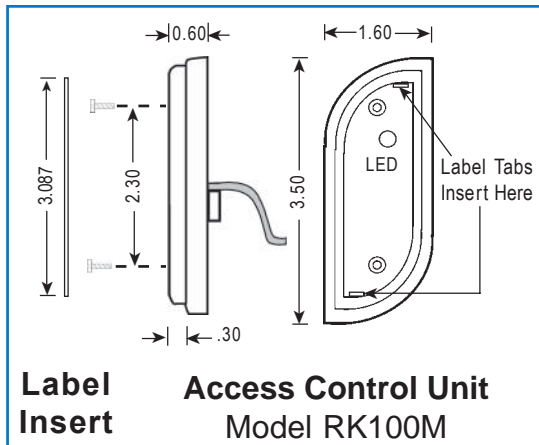
*U.S. PATENT #6317027

- **LOW PRICED, SINGLE-DOOR PROXIMITY ENTRY SYSTEM**
- **VOID/VALID CAPABILITY FOR UP TO 100 PROXIMITY TAGS OR CARDS**
- **PROGRAMMED WITH AN INEXPENSIVE PROXIMITY CARD DECK OR HANDHELD PROGRAMMER**
- **UP TO 6" READ DISTANCE**
- **EASY INSTALLATION**
- **PATENTED DYNASCAN®* TECHNOLOGY**
- **NO CONTROL PANELS**
- **NO PCS OR EXTERNAL PROGRAMMERS NEEDED**



RADIO KEY® 100M - SPECIFICATIONS

All dimensions in drawings are indicated in inches.



PHYSICAL

	Access Unit	Key Tag	Molded Card	ISO Image-able Card
Depth	0.51" (1.30 cm)	0.20" (0.50 cm)	0.065" (0.17 cm)	0.033" (0.08 cm)
Width	1.60" (4.06 cm)	1.26" (3.20 cm)	2.125" (5.40 cm)	2.125" (5.40 cm)
Height	3.50" (8.89 cm)	2.00" (5.00 cm)	3.375" (8.57 cm)	3.375" (8.57 cm)
Weight	2.88 oz. (81.65 gm)	0.25 oz. (7.20 gm)	0.39 oz. (11.16 gm)	0.20 oz. (5.67 gm)
Material	ABS	ABS	ABS	PVC
Color	Black	Black	White	White

POWER REQUIREMENTS

5-14 VDC, 100 mA Maximum

OUTPUTS

SPST Solid State Relay, 1A max. @60 VAC or DC
Normally open or normally closed (field programmable)
May also be used with SecuRelay™ smart relay module (sold separately)

INPUTS

Programmable as Remote Open (requires contact closure);
Bicolor (Red or Green) LED Control or Buzzer/LED control

WIEGAND OUTPUT

Any Wiegand Format up to 40 bits
Maximum Cable Distance is 500 Ft.- 5 or 6 conductor 20 gauge shielded cable

ENVIRONMENT

Access Control Unit and Card/Key Tag
Ambient Temperature -40° to +70°C (-40° to +158°F)
Humidity 0 to 100%

OPERATIONAL

Reading Distance	Molded Card: Up to 6" (15.24 cm); Key Tag & ISO Card: Up to 5" (12.70 cm)
User Capacity	100 key tags or cards (random numbered only)
Card/Key Tag Operation	Passive
Transmit Frequency	125 kHz
Memory	Non-Volatile
Latch Timer	Programmable 0.25 seconds to 18 hours, or Toggle Mode

ACCESSORIES

RK-PD1	Proximity Programming Deck (required).
RK-HHP	Handheld Programmer
RK600-PS	9VDC, 200 mA, plug-in Power Supply, 120 VAC Input. For Access Unit Only.
SK-SR	SecuRelay™ - Smart relay module, DPDT.

This product complies with UL 294 Standards, with Part 15, Class B FCC Rules and meets R&TTE Requirements (European Standards).

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. SECURAKY 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.

DISTRIBUTED BY:



20447 NORDHOFF STREET
CHATSORTH, CA 91311
PHONE (818) 882-0020 • FAX (818) 882-7052
TOLL-FREE (800) 891-0020
Website: www.securakey.com
E-mail: mail@securakey.com