

RADIO KEY® RK-65K/RK-65KS

Stand Alone Proximity Access Control with DYNASCAN®* TECHNOLOGY



Radio Key® RK-65K and RK-65KS are fully programmable, stand alone proximity access control unit that can manage up to 65,000 individual users. Patented Dynascan®* technology assures maximum performance in almost any environment.

Users are issued proximity cards or key tags which need only be held within 6" of the unit to be detected. Presenting a valid card or tag activates the solid-state relay and results in a long green LED and audible beep. A Remote Open input is provided to allow activation remotely via pushbutton.

Cards and tags are added and deleted easily with an inexpensive proximity program card deck (RK-PD1) or a handheld programmer (RK-HHP). These can also be used to set the latch timer from 1/2 second up to 18 hours, or to toggle (on/off). PC's and external programmers are unnecessary.

RK-65K and RK-65KS 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 reader unit to be connected to a multi-door access control or telephone entry system, if desired. When used as part of a larger system the local card memory and relay may be used for degraded mode or other special functions.



The RK-65K is small enough to be mounted on most door frames and mullions. RK-65KS is the size of a light switch plate. Both are fully potted for extreme weather-resistance. Installation is extremely easy, requiring only two screws. There are no external controllers or panels to install.

* U.S. PATENT # 6317027

- **LOW PRICED, SINGLE-DOOR PROXIMITY ENTRY SYSTEM**
- **UP TO 65,000 PROXIMITY TAGS OR CARDS**
- **PROGRAMMED WITH AN INEXPENSIVE PROXIMITY CARD DECK OR HANDHELD PROGRAMMER**
- **UP TO 6" READ DISTANCE**
- **WIEGAND OUTPUT FOR FUTURE EXPANSION**
- **PATENTED DYNASCAN®* TECHNOLOGY**
- **NO CONTROL PANEL**
- **NO PCS OR EXTERNAL PROGRAMMER NEEDED**



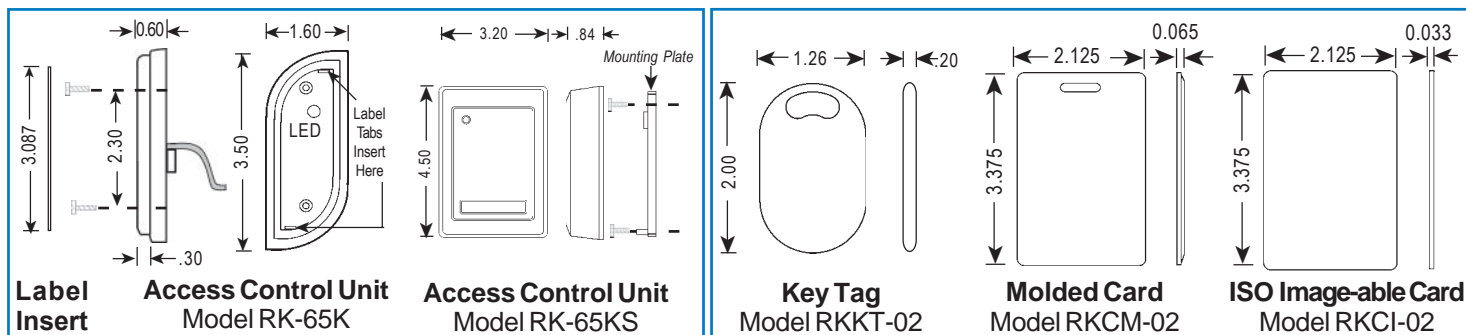
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Specifications subject to change without notice

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RADIO KEY® RK-65K/RK-65KS - SPECIFICATIONS

All dimensions in drawings are indicated in inches.



PHYSICAL	RK-65K	RK-65KS	Key Tag	Molded Card	ISO Image-able Card
Depth	0.60" (1.52 cm)	0.84" (2.13 cm)	0.20" (0.50 cm)	0.065" (0.17 cm)	0.033" (0.08 cm)
Width	1.60" (4.06 cm)	3.20" (8.12 cm)	1.26" (3.20 cm)	2.125" (5.40 cm)	2.125" (5.40 cm)
Height	3.50" (8.89 cm)	4.50" (11.43 cm)	2.00" (5.00 cm)	3.375" (8.57 cm)	3.375" (8.57 cm)
Weight	2.88 oz. (81.65 gm)	6.67 oz. (189.15 gm)	0.25 oz. (7.20 gm)	0.39 oz. (11.16 gm)	0.20 oz. (5.67 gm)
Material	ABS	Lexan®	ABS	PVC	White
Color	Gray	Beige	White	White	

POWER REQUIREMENTS 5-14 VDC, 120 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 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 from panel 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	65,000 key tags or cards (26 or 32 bit), 10 Facility Codes
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. 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.

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