

# RADIO KEY® 600

## Stand Alone Proximity/Keypad Access Control

with DYNASCAN®\* TECHNOLOGY



Radio Key® 600 (RK600) is a fully-programmable, stand-alone access control system, that provides proximity or keypad (PIN) entry for up to 600 users, using either a card or key tag.

Radio Key® 600 is a compact, weather-resistant, surface mounted Access Control Unit, which has a built-in programmer. Because it has an internal reader, it can stand alone for most applications.

Secura Key's patented DYNASCAN®\* technology assures maximum performance in any environment.

The optional Auxiliary Reader (RKAR) can be used with Radio Key® 600 to provide extraordinary protection against weather and vandalism. Entry cannot be obtained by tampering when the Auxiliary Reader is mounted outside. For further protection, both the Access Control Unit and Auxiliary Reader can be mounted behind glass or other non-metallic wall surfaces. When installed with the Auxiliary Reader, the Access Control Unit can be used as an exit reader and as an enrollment reader. Either unit easily mounts to a single-gang electrical box, masonry wall, post, or almost any surface -- there are no bulky control panels to install.

To use Radio Key® 600, simply hold your proximity tag near the Access Control Unit or optional Auxiliary Reader (RKAR) or enter your PIN code into the keypad. Programming is easily accomplished by using the built-in keypad. Proximity tags can be added by holding each tag near the unit or by using the keypad, without the tags being present. The keypad is also used to void tags, set the latch time and to select the active, inactive or unlocked modes.

The optional RKAT Audit Trail Module allows connection to a PC or serial printer. Software included provides reports on transaction history, allows programming of proximity tags or PINs, user name database, and other reader settings. RK-LINK™ Software also allows RK600 memory to be backed up and restored.

\*U.S. PATENT #6317027

**Secura Key**  
A Division of SOUNDCRAFT Inc.

- Low Priced Single-Door Proximity and Keypad (PIN) Entry System
- Void/Valid Capability for up to 600 Proximity Tags, Cards or PINs
- Access Control Unit Includes Built-in Reader and Programming Keypad
- Optional Auxiliary Reader for High-Security/Extreme Weather Conditions
- High Security - Entry Cannot Be Obtained by Tampering With Auxiliary Reader
- Up to 6" Reading Distance
- Connect a PC or Serial Printer with Optional Audit Trail Module
- Password Protected Programming
- Patented Dynascan®\* Technology

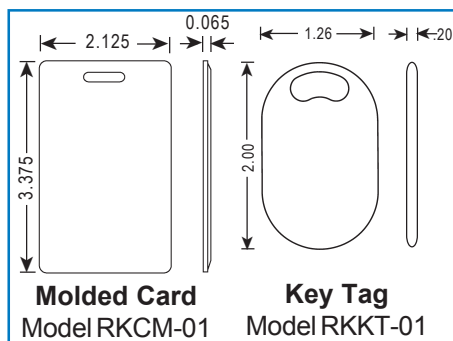
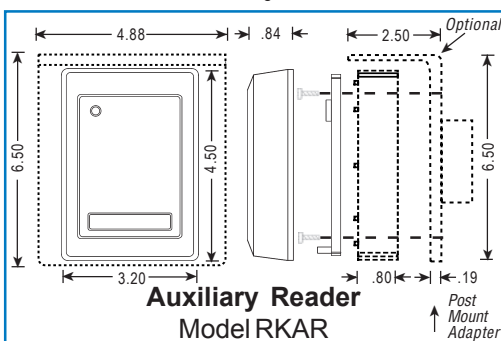
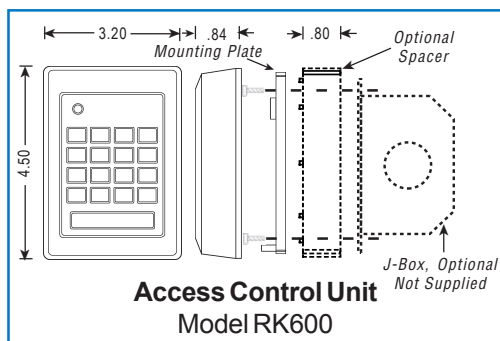


Specifications subject to change without notice

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# RADIO KEY® 600 - SPECIFICATIONS20301

All dimensions in drawings are indicated in inches.



## PHYSICAL

|          | Control Unit       | Auxiliary Reader  | Key Tag            | Molded Card         | ISO Image-able Card |
|----------|--------------------|-------------------|--------------------|---------------------|---------------------|
| Model    | RK600              | RKAR              | RKKT-01            | RKCM-01             | RKCI-01             |
| Depth    | 0.84" (2.13 cm)    | 0.84" (2.13 cm)   | 0.20" (0.50 cm)    | 0.065" (0.17 cm)    | 0.033" (0.08 cm)    |
| Width    | 3.20" (8.12 cm)    | 3.20" (8.12 cm)   | 1.26" (3.20 cm)    | 2.125" (5.40 cm)    | 2.125" (5.40 cm)    |
| Height   | 4.50" (11.43 cm)   | 4.50" (11.43 cm)  | 2.00" (5.00 cm)    | 3.375" (8.57 cm)    | 3.375" (8.57cm)     |
| Weight   | 4.0 oz (114.50 gm) | 2.8 oz (80.40 gm) | 0.25 oz. (7.20 gm) | 0.39 oz. (11.16 gm) | 0.20 oz. (5.67 gm)  |
| Material | Lexan®             | Lexan®            | ABS                | ABS                 | PVC                 |
| Color    | Beige              | Beige             | Black              | White               | White               |

## POWER REQUIREMENTS

9-14 VDC, 50 mA average, 150 mA maximum

## OUTPUTS

Latch and Alarm Shunt DPDT contact, 0.5A max. @250 VAC; 2A max. @24 VAC or DC

## COMMUNICATIONS

With optional RKAT Audit Trail Module, allows connection of PC or Serial Printer. See separate Data Sheet for specifications.

## INPUT

Request to Exit Requires SPST contact closure

## ENVIRONMENT

| Access Control Unit                            |                                 |
|--|---------------------------------|
| Ambient Temperature                            | -40° to +70°C (-40° to +158°F)  |
| Humidity                                       | 0 to 95% (non-condensing)       |
| Auxiliary Reader (Optional), Key Tag and Cards |                                 |
| 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 and ISO Card: Up to 5" (12.70 cm)   |
| User Capacity           | 600 key tags or cards (random numbered) or PINs (User number plus 4 digit PIN)  |
| Card/Key Tag Operation  | Passive   |
| Transmit Frequency      | 125 kHz   |
| Memory                  | Non-Volatile  |
| Latch/Alarm Shunt Timer | Programmable 0.25 - 30 Seconds  |
| Auxiliary Reader Cable  | 30' (10m) max. from Control Unit to Auxiliary Reader<br>2 conductor, non-twisted, non-shielded and 4 conductor shielded |

## OPTIONAL ACCESSORIES

|          |  |
|----------|--|
| RK600-PS | 9VDC, 200 mA, plug-in Power Supply, 120 VAC Input. For Access Unit Only. |
| RK600-BB | Back Box / Spacer - Beige, Lexan®.                                       |
| RK-GM    | Glass Mount Adaptor  |

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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## DISTRIBUTED BY:

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