

RADIO KEY® RK-WL

Lectora de Proximidad de Largo Alcance con Salida Wiegand



RADIO KEY® RK-WL

La Lectora de proximidad **Radio Key® RK-WL** ha sido diseñada para ser usada donde las lectoras de proximidad convencionales no funcionan. Esta lectora de rango extendido podrá leer tarjetas de proximidad o llaveros hasta una distancia de 36 pulgadas*. Diseñadas para integrarse con cualquier sistema que acepte una salida Wiegand, los datos de la tarjeta pueden ser transmitidos en virtualmente cualquier formato de hasta 40 bits.

La tecnología patentada de Secura Key, Dynascan®, asegura el máximo rendimiento de la lectora en cualquier entorno.

El contenedor está encapsulado y es resistente a condiciones climáticas extremas. La unidad es resistente al vandalismo e incluye LED y control de zumbador.

La instalación de la RK-WL es sencilla. La lectora puede montarse en cajas eléctricas simples o dobles, en un pedestal de estacionamiento o en virtualmente cualquier superficie plana.

* El rango de lectura varía dependiendo de la ubicación y del entorno de radiofrecuencia. Mientras que un alcance de 36 pulgadas puede obtenerse bajo condiciones excelentes, sus resultados pueden variar. En términos generales, en las instalaciones de exteriores se obtendrá un mejor alcance que las de interiores.

- **Rango de Lectura Extendido**
- **Formato de Wiegand de Hasta 40 Bits**
- **Tecnología Patentada DYNASCAN® ****
- **Resistencia a Condiciones Climáticas Extremas**
- **Resistente al Vandalismo**
- **Económica**
- **Facil de Instalar**
- **LED Y Zumbador**

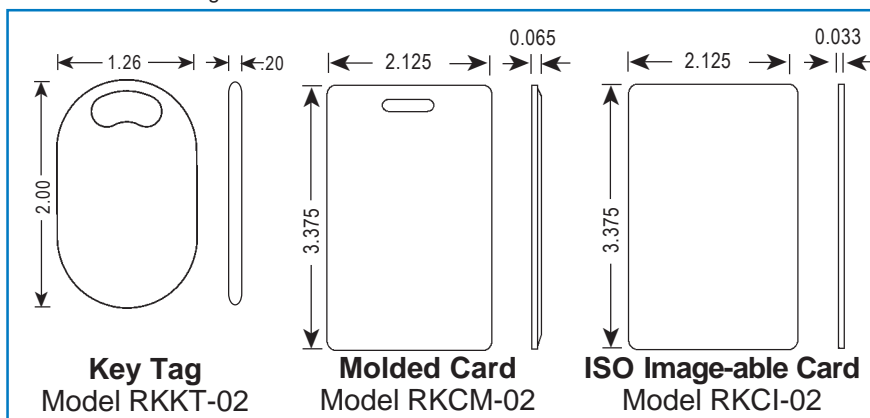
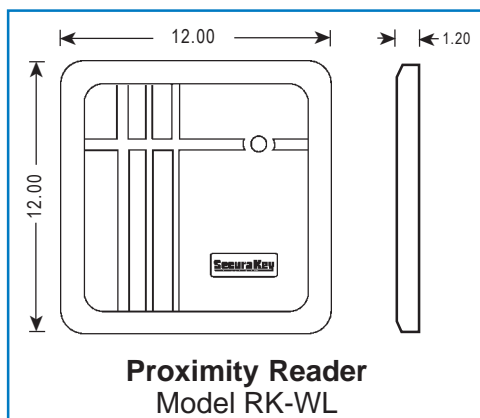
****PATENTE DE EE.UU. #6317027**



Las especificaciones están sujetas a cambios sin aviso previo.
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RADIO KEY® RK-WL - SPECIFICATIONS

All dimensions in drawings are indicated in inches.



PHYSICAL

	Proximity Reader	Key Tag	Molded Card	ISO Image-able Card
Depth	1.20" (3.05 cm)	0.20" (0.50 cm)	0.065" (0.17 cm)	0.033" (0.08 cm)
Width	12.0" (30.48 cm)	1.26" (3.20 cm)	2.125" (5.40 cm)	2.125" (5.40 cm)
Height	12.0" (30.48 cm)	2.00" (5.00 cm)	3.375" (8.57 cm)	3.375" (8.57 cm)
Weight	22.0 oz. (0.62 kg)	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-Std; (Beige-opt.)	Black	White	White

POWER REQUIREMENTS 12-14 VDC, 300 mA avg., 350 mA peak. A regulated power supply is required.

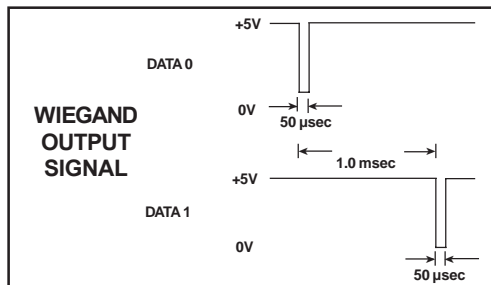
OUTPUTS & INPUTS

Wiegand Output	Data 1 and Data 0	Output Sink Current: 100mA; Output Source Current: 5mA Bicolor (Red or Green) Short chirp upon presentation of any compatible Secura Key transponder, also controlled by input.
LED/Buzzer Control	LED Buzzer	
Cable Required	Maximum Distance	

READER CONNECTION

WIRE #	WIRE COLOR	DESCRIPTION
1	RED	12-14 VDC
2	BLACK	GROUND
3	GREEN	DATA-0
4	WHITE	DATA-1
5	BROWN	RED LED INPUT *
6	ORANGE	GREEN LED INPUT *
7	BLUE	BUZZER INPUT *
8	VIOLET	HOLD LINE *
9	GRAY	EARTH GROUND

*Connect to GROUND to activate



ENVIRONMENT

Access Control Unit and Card/Key Tag

Ambient Temperature	-40° to +70°C (-40° to +158°F)
Humidity	0 to 100%

NOTE: Two or more RK-WL readers must be mounted at least eight feet apart.

OPERATIONAL

Transmit Frequency	125 kHz
Card/Key Tag Operation	Passive
Reading Distance	Molded Card: Up to 36" (91.44 cm); Key Tag and ISO Card: Up to 26" (66.04 cm)

Maximum read range is achieved under ideal conditions. Many installations will yield shorter read ranges. Earth ground and regulated DC power are required for the best performance.

This product complies with Part 15 of the Class B FCC Rules.

Export Warranty

"Secura Key products are warranted against defects in materials and workmanship for a period of **5 years** from the date of purchase. Secura Key shall, at its option, either repair or replace products which prove to be defective and are sent to Secura Key freight prepaid and ordered return freight charged to customer within the warranty period. This warranty does not include freight, taxes, duties, or installation expenses. The foregoing warranty shall not apply to defects resulting from abuse, misuse, accident, alteration, neglect, or unauthorized repair or installation. Secura Key shall have the right of final determination as to the existence and cause of the defect. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. SECURAKEY 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."

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