

# Wiegand SensorKey™

Wiegand

Wiegand Key and Reader • 25



## **ACCESS** security.

The SensorKey™ Wiegand access control alternative provides the convenience of a key-sized “card” with an unobtrusive, low-profile reader. Just 3.3 inches (8.35 cm) long, the Wiegand key fits conveniently on a keychain while the 1.6 x 1.5 inch (4.1 x 3.8 cm) reader is ideal for executive offices, elevator lobbies, computer rooms, tool cribs, laboratories or main entrances.

The reader is sealed against the elements while vandals will find it frustrating. It is maintenance free.

The SensorKey Wiegand key and reader are another example of HID's long-term commitment to responding to the needs of the access control marketplace.

## Features

## Specifications

<b>Mounting</b>	SensorKey™ readers are designed to be unobtrusive and to mount in-the-wall or to mounting plate. Once mounted, it is covered by a black snap-on escutcheon.
<b>Visual indication</b>	When a SensorKey key is withdrawn from the reader a single-color LED flashes red to indicate a proper read.
<b>Proven reliable technology</b>	The SensorKey Wiegand key conveniently attaches to a keychain and is used in applications throughout the world. The reader is impervious to the elements and a frustration to vandals.
<b>Cross-reference</b>	A Cross-reference list correlating the external key number and the programmed ID number is provided for easy system administration
<b>Security</b>	The SensorKey Wiegand key offers more than one trillion unique codes.
<b>Long Life</b>	The SensorKey key and reader provides an infinite number of reads.
<b>Durability</b>	SensorKey Wiegand keys are strong and flexible for resistance to cracking and breaking. The reader has no movable parts.
<b>Custom graphics</b>	Custom multi-color graphics are available.
<b>Warranty</b>	SensorKey Wiegand keys are provided with a two-year warranty and SensorKey Wiegand readers are provided with a lifetime warranty against defects in materials and workmanship. (See complete warranty policy for details.)
<b>Part Numbers</b>	25 SensorKey Wiegand Key 313 SensorKey Wiegand Reader
<b>Description</b>	<b>Key:</b> Black Surface, Custom Specified Internal/External ID Numbers <b>Reader:</b> Single-color LED, Black
<b>Options</b>	•Special Color •Molded Logo •Custom Graphics (Please see "How to Order" guide for a description of the options and associated part numbers.)

### Dimensions:

Key:	Overall length	3.290" (8.357 cm)
	Overall thickness	0.093" (0.236 cm)
	Blade length	2.375" (6.033 cm)
	Blade width	0.669" (1.700 cm)
	Head width	1.000" (2.540 cm)

Reader: 1.62" x 1.50" x 2.00" (4.1 x 3.8 x 5.1 cm)

### Construction:

SensorKey Wiegand keys are available in a standard size and color. The SensorKey reader is molded of advanced polymeric materials for superior wear resistance. It may be exposed to sun, rain, and snow.

### Input power (reader):

5-12VDC

### Current (reader):

40 mA typical

### Weight:

Key	.09 oz. (2.6 g)
Reader	4.5 oz. (127.6 g)

### Operating temperature:

-40° to 150°F (-40° to 70°C)

### Operating humidity:

10 to 95%

### Certifications:

UL 294 listed  
CE Mark approved

### Cable distance:

500 feet (150 m) using shielded 22 AWG cable



**ACCESS** experience.

[hidcorp.com](http://hidcorp.com)

#### HID Global Offices:

**Corporate**  
**North America**  
9292 Jeronimo Road  
Irvine, CA 92618-1905  
U.S.A.  
Phone: (800) 237-7769  
Phone: (949) 598-1600  
Fax: (949) 598-1690

**Asia Pacific**  
19/F 625 King's Road  
North Point  
Island East  
Hong Kong  
Phone: +852 3160-9800  
Fax: +852 3160-4809

**Latin America**  
Circunvalacion Ote. #201 B  
Despacho 2  
Col. Jardines del Moral  
Leon 37160, Gto.  
Mexico  
Phone: +52 477 779 1492  
Fax: +52 477 779 1493

**Europe, Middle East & Africa**  
Homefield Road  
Haverhill, Suffolk  
CB9 8QP  
England  
Phone: +44 (0) 1440 714 850  
Fax: +44 (0) 1440 714 840

© 2007 HID Global. All rights reserved. HID, and the HID logo are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. Rev. 4/2007



For best results, please  
print on recycled paper.

MKT-SENSORCARDII\_DS\_EN