

# LECTUS secure readers (Wiegand)

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Invented for life



- ▶ 13.56 MHz proximity readers for connecting to access controllers with Wiegand interfaces
- ▶ Suitable for indoor and outdoor use
- ▶ Supports multiple technologies (iCLASS® Seos™ and iCLASS SE credentials, standard iCLASS, MIFARE®, and MIFARE DESFire® EV1, serial number of ISO14443A credentials)
- ▶ Interoperable with a growing range of technology environments and form factors

## System overview

Ideal for new and existing installations, LECTUS secure readers provide customers the assurance that their existing investments can be leveraged to enhance their system as business requirements change. The technology-independent readers also support iCLASS Seos and iCLASS SE credential platforms, as well as standard iCLASS, MIFARE, MIFARE DESFire EV1 and serial number from ISO 14443A credentials (32Bit standard, 56 Bit optional).

Available with four different form factors LECTUS secure readers meet nearly all installation requirements for indoor and outdoor use.

## Installation/configuration notes

Please follow the general mounting instructions for the proximity reader regarding the distance between readers and metallic surfaces.

## Parts included

Quantity	Component
1	Reader body with board
1	Mounting material
1	Installation guide

## Technical specifications

Dimension (W x H x D)	See ordering information
Weight (g)	See ordering information
Housing Material	Polycarbonate (UL 94)
Color	Black
Display	Multicolored RGB LED bar
Panel connection	Wiegand, pigtail
Operating temperature	- 35 °C to 65 °C (-31 °F to 150 °F)
Humidity	5 to 95%, no condensation water
Environmental rating	IP 55
Operating Voltage Range	5 to 16 VDC (12 VDC for RS 485)
Card compatibility	iCLASS, iCLASS SE, MIFARE, MIFARE DESFire EV1, serial number from ISO 14443A credentials (32 bit standard, 56 bit optional)
Operating frequency	13.56 MHz
Reading distance	<ul style="list-style-type: none"><li>• 5 to 8.6 cm with iCLASS cards</li><li>• 4 to 7 cm with MIFARE cards</li><li>• 1.3 to 4.6 cm with tags/fobs</li></ul>

## Ordering information

### LECTUS secure 1000 WI

iCLASS/MIFARE reader, mini-mullion size, suited for mullion-mounted door installations, U.S. single-gang J-box or any flat surface, pigtail, 4.8 x 15.3 x 2.3 cm, 113g net

Order number **ARD-SER10-WI**

### LECTUS secure 3000 WI

iCLASS/MIFARE reader, EU / APAC Square Size, square reader is designed to mount to and cover standard European and Asian back boxes, pigtail, 8.4 x 8.4 x 2.3 cm, 148g net

Order number **ARD-SER30-WI**

### LECTUS secure 4000 WI

iCLASS/MIFARE reader, wall switch size, designed to mount and cover single gang switch boxes primarily used in the Americas, includes a slotted mounting plate for European and Asian back box spacing, pigtail, 8.4 x 12.2 x 2.4 cm, 220g net

Order number **ARD-SER40-WI**

### LECTUS secure 5000 W1

iCLASS/MIFARE reader, wall switch size, designed to mount and cover single gang switch boxes primarily used in the Americas, slotted mounting plate for European and Asian back box spacing, pigtail, keypad (4x3), 8.5 x 12.2 x 2.8 cm, 256g net

Order number **ARD-SERK40-W1**

### Accessories

Surface-mount panel for LECTUS secure 1000 WI readers, 10 items/packaging unit

Order number **ARD-R10-AP-G**

#### Represented by:

##### Americas:

Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

##### Europe, Middle East, Africa:

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: +31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

##### Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

##### China:

Bosch (Shanghai) Security Systems Ltd.  
203 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

##### America Latina:

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
latam.boschsecurity@bosch.com  
www.boschsecurity.com