LECTUS secure readers (Wiegand)

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BOSCH
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	Mulitcolored RGB LED bar
Panel connection	Wiegand, pigtail
Operating temperature	- 35 ℃ to 65 ℃ (-31 ℉ to 150 ℉)
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 freqeuncy	13.56 MHz
Reading distance	• 5 to 8.6 cm with iCLASS cards • 4 to 7 cm with MIFARE cards • 1.3 to 4.6 cm with tags/fobs

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**