

LECTUS secure 9000 reader (Wiegand)

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- ▶ 13.56 MHz proximity readers for connecting to access controllers with Wiegand interfaces
- ▶ Supports multiple technologies (standard iCLASS, MIFARE®, and MIFARE DESFire® EV1)
- ▶ Proximity/long range reader with beeper and multicolored LED display
- ▶ Rugged, weatherized polycarbonate enclosure, designed to withstand harsh environments

System overview

The technology-independent readers support standard iCLASS, MIFARE classic, and MIFARE DESFire EV1. “Parking Hold” feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes.

Two LECTUS secure 9000 units can operate one meter apart for “HI-LO” truck and car installations. iCLASS proximity cards that work with diversified keys of 64-bit length for two-way authentication, encrypted data is transmitted between the reader and card.

Beeper and multicolored LED display controlled internally or by host.



Notice

The Wiegand reader interface of the AMC2-4W does not provide sufficient power for the LECTUS secure 9000 WI

Please plan an external power supply for the LECTUS secure 9000 WI.

Installation/configuration notes

The maximum cable length for a Wiegand system is 150m.

In order to prevent problems by reading cards with contact-free card readers, follow the instructions when planning and installing contact-free readers. Avoid installing contact-less card readers behind metallic (i.e. conductive) cases or on metallic surfaces. The gaps to be left are given in the following list:

- Distance between reader and metal surfaces attached to the side: min. 30 mm
- Distance between reader and 230 V~ voltage cables and power packs: min. 500 mm
- Distance between reader and HF-cables: min. 500 mm

Parts included

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

Technical specifications

Operating Voltage Range	12 VDC or 24 VDC
Input draw	110 mA to 300 mA (peak) 12V 70 mA to 150 mA (peak) 24V
Environmental rating	IP 65
Operating temperature	- 35 °C to 65 °C (-31 °F to 150 °F)
Humidity	5 to 95%, no condensation water
Housing Material	Polycarbonate (UL 94)
Color	Black
Panel connection	Terminal strip
Card compatibility	iCLASS iCLASS SE MIFARE classic serial number MIFARE DESFire EV1 serial number (32 bit standard, 56 bit optional)
Operating frequency	13.56 MHz
Typical reading distance	33.6 cm (iCLASS SE card) 17.8 cm (MIFARE DESFire EV1 card) 24.8 cm (MIFARE Classic card)
Dimension (W x H x D)	33.3 x 33.3 x 3.9 cm
Weight (g)	1844 g net

Ordering information

LECTUS secure 9000 WI

iCLASS/MIFARE long range access control reader with Wiegand interface.

Order number **ARD-SER90-WI**

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