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ARD-R10 - iCLASS/MIFARE Reader

▸ **Compact reader with beeper and multicolored LED column display**

▸ **Plastic-coated for indoor and outdoor mounting**

▸ **Currency consumption 65 mA/medium, 225 mA peak at 12 V**

▸ **50 cm connection cable**

Non-contact access control readers in 13.56 MHz technology for connecting to an access controller with Wiegand interfaces.
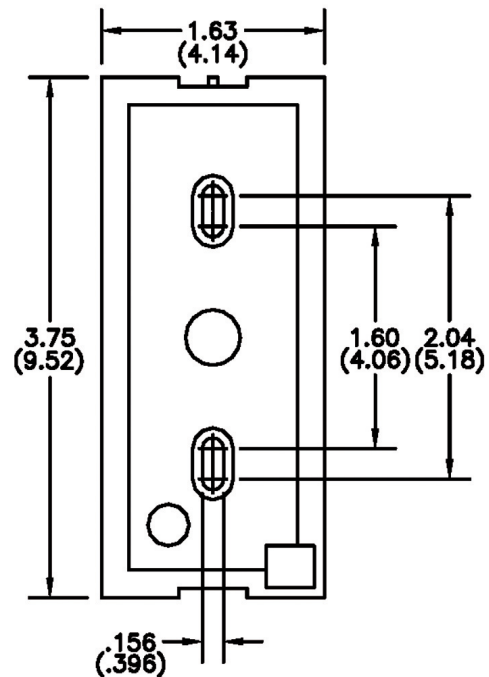
This reader is suitable for mullion installation and for indoor and outdoor use.

As well as reading iCLASS proximity cards that work with diversified keys of 64-bit length for two-way authentication, the reader makes it possible to read serial numbers in 32-bit format in line with ISO standard 14443A.

Encrypted data is transmitted between the reader and card.

Installation/Configuration Notes

Installation

- Four Wiegand interfaces for connecting readers.
- Up to four readers can be installed per entrance.

www.boschsecurity.com

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

Housing

External dimensions (W x H x D)	102.6 x 48.3 x 20.3 mm
Material	Polycarbonate (UL 94)
Color	Black
Weight	90.7 g

Connections

Display	Multicolored LED
Interfaces	Wiegand

Environmental conditions

Operating temperature	-35° to 65℃
Humidity	5 to 95% no condensation water
Environment class	IP 55

Electrical parameters

Power supply	10 to 16 VDC
Reading process	IClass, MIFARE CSN
Operating/modulation frequency	13.56 MHz
Reading distance	5 cm to 7.6 cm with iCLASS card 2.5 cm with iCLASS TAG or key fob

Ordering Information

ARD-R10 - iCLASS/MIFARE Reader
Non-contact compact reader with beeper and multicolored LED display for Wiegand interfaces.

ARD-R10EMEA-000

Accessories

ARD-R10-AP-G Surface-Mount Panel
Surface-mount panel for ARD-R10 reader.
10 items/packaging unit.

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