

Contactless MIFARE Identification Cards

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Invented for life



- ▶ PVC plastic card
- ▶ Credit card size
- ▶ Imprinted card number
- ▶ MIFARE Classic chip or MIFARE DESFire EV1 chip

The proximity cards are contactless credential and available with either MIFARE classic or MIFARE DESFire EV1 chip. They include an imbedded antenna and an integrated circuit, enabling contactless reading with the respective readers. The unique badge number is printed on top of the card enabling contactless reading by readers.

The credit card sized card conforms to the ISO-standard size enabling surface printing with conventional ISO compatible card printers. This card is durable with IP 68 and can be fully submerged, all the electronics are sealed inside.

Functions

- MIFARE cards have a wire antenna and a MIFARE Chip embedded.
- The card is recognized and read when held in front of the reader.
- The reading process is passive with a frequency of 13.56 MHz.
- MIFARE cards support multiple application areas that can be individually protected.

Certifications and approvals

ISO/14443 Typ A

Installation/configuration notes

Contactless credentials with Mifare chip are ideal for installations with high-availability systems and where credentials may be exposed to abnormal conditions

Technical specifications

ACD-MIFARE card	
Dimensions	85.7 x 54 x 0.76 mm
Chip Write Endurance	100,000
Coding	Card number (unique) System Bosch ST Coding <ul style="list-style-type: none"> • Chip number (unique) • Customer code 9000 • Country code 0 • Version 0
Transmission frequency	13.56 MHz
Data preservation	10 years
Transaction times	< 100 ms

Ordering information

ACD-MFC-ISO 50/each

MIFARE Classic ID card with 1 kByte data storage, 2 application areas, one of which can be customized.

Packing information: 50 cards/ each unit

Order number **ACD-MFC-ISO**

ACD-EV1-ISO 50/each

Mifare DESFire EV1 ID card with 8 kByte data storage, 2 application areas, one of which can be customized.

Packing information: 50 cards/ each unit

Order number **ACD-EV1-ISO**

Accessories

ACX-JOJCON01 10/each

Card container, clear plastic housing, with jojo clip.

Packing information: 10 / each unit

Order number **ACX-JOJCON01**

Represented by:

North America:

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

Latin America and Caribbean:

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