

RFID Credentials for hospitality

More Security and Efficiency



Overview

dormakaba offers an extensive solution to manage access to hospitality properties for guests and staff, plus maximize the benefits and functionality of electronic door locks. The right credential management technology enables hotels to safeguard their guests and staff, enhance the guest experience while enabling the right security level and stay ahead of potential future vulnerabilities.

dormakaba offers an extensive range of RFID credential options so you can offer the right level of security. We provide state-of-the-art credentials manufactured and tested for dormakaba access solutions, to suit all your property's specific needs. RFID credentials enhance guest and staff convenience while reducing operational costs and are available in RFID keycard, fob, and wristband formats.

Most valuable guest credentials

While the dormakaba system still supports MIFARE Ultralight® C, the recommended guest credential is MIFARE Ultralight® AES because it offers:

- AES-128 encryption for enhanced security
- Proven reliability for limited-use hospitality applications
- Cost-effective solution for secure RFID credentials
- Common Criteria certified (EAL3+) credential
- End-to-end AES-128 encryption when paired with Ambiance Enhanced Security

Custom designed keycards

dormakaba's custom-designed RFID keycards add an element of distinction to your property. You simply provide dormakaba with your electronic artwork, and we take care of the rest.

You can also keep track of your staff and control employee access with color-coded back-of-house fobs and/or wristbands.

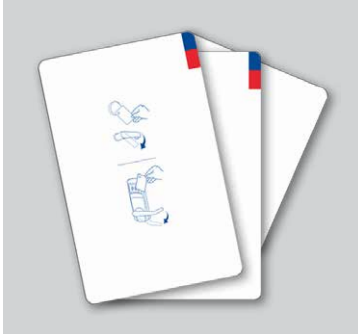
RFID credential features

- Compatible across dormakaba electronic door lock infrastructures
- Smartphone-based solutions can also be used within the same system, such as digital wallets or Mobile Access
- Delivers secure authentication, integrity, data protection of applications
- Securely separated sectors supporting multi-application

dormakaba credential options for hospitality

RFID keycards

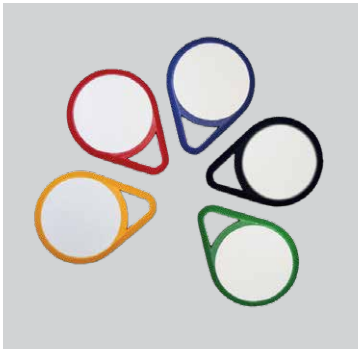
High-quality PVC card in the dormakaba design or blank/white (suitable for printing at a later stage). Optionally, can also be designed according to your specifications. The customization options are almost limitless.



Dimensions	85.6 x 54.0 x 0.78 mm, in credit card format ISO/IEC 7810
Customization	Blank/white side suitable for printing at a later stage
Materials	PVC , others on request
Technologies	MIFARE Ultralight C®, MIFARE Ultralight® AES, MIFARE Plus® EV2, MIFARE® DESFire® EV3, others on request. Technology combinations possible
Special features	Dust and waterproof, fits credit card slots and card holder accessories

RFID keyfobs

The fob is an alternative credential to the card. This low-cost and impact-resistant design is easy to carry in a purse or on a key ring in a pocket. It is the first choice for compact dimensions.



Colors	Black, blue, green, grey, red, yellow, others on request
Dimensions	45 x 35 x 5 mm
Materials	Polycarbonate, ABS
Technologies	MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2, MIFARE® DESFire® EV3, others on request. Technology combinations possible
Special features	Dust and waterproof, frame for key ring

RFID wristbands



Colors	Black, blue, green, red, yellow, others on request
Dimensions	238 x 35 x 5 mm
Materials	Silicone
Technologies	MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2, others on request
Special features	Dust and waterproof, band adjustable for different wrist sizes

Our diverse portfolio

- RFID credentials in common designs
- Proven technologies from MIFARE®
- Encrypted data for secure applications
- Security solutions for key management
- Expert advice on our access control solution

Technical data

- Standard ISO 14443A
- Cryptography AES 128 (MIFARE Ultralight® C uses 3DES)
- Frequency: 13.56 MHz
- Temperature: -20 °C to +70 °C
- Compliant with RoHS & REACH

Credential Specifications

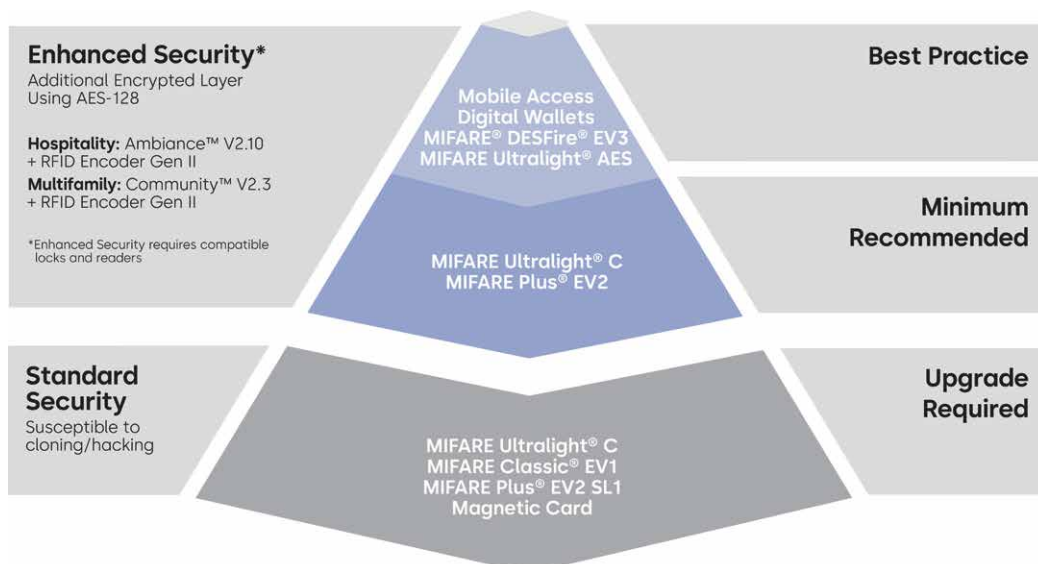
	Type	Description	Typical Usage	Memory	Variable Keys	Log Records*
RFID cards Fobs Wristbands	MIFARE Ultralight® C MIFARE Ultralight® AES	Access to booked rooms, facilities, parking for limited use. Delivers a state-of-the-art level of trust and security for limited guest use. Low memory credential offering a cost-effective solution.	Guest	144B	6	0
	MIFARE Plus® EV2	Access to multiple guest rooms, different facilities, parking, local transport, events for extended use. Holds a medium to high number of variable keys and/or log records. Ideal to download audit trails from locks or as staff cards to store large staff movement audit trails. For high security best used with Ambiance Enhanced Security.	Guest / Staff	2K/4K	90/540	70/400
	MIFARE® DESFire® EV3	Access to multiple rooms and critical infrastructure for multiple use. Very high security. Holds a high number of variable keys and/or log records. Supports card sharing with other applications. For very high security best used with Ambiance Enhanced Security.	Staff	4K/8K	540/1080	400/800

* Where applicable, figures may vary depending on lock programming

You can achieve optimal protection by activating Enhanced Security in Ambiance for all compatible locks and firmware. The range of functions of this product depends on the selected system environment. Further details and relevant information can be found in the dormakaba catalogs or in the system description.

Credential designs may vary.

Security Pyramid



Note:
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Any questions? We will be happy to assist you.