RFID Keycards & Carriers

Vingcard offers the most extensive range of RFID carriers to manage your property and access credentials for your guests and staff in the property, enabling you to offer the right security level to your guests and maximize the benefits and functionality of your electronic locking system.

Our cards are encrypted at source and encoded at site to provide end-to-end security. Therefore, algorithms and encryption protocols are not available to those who wish to sabotage and/or hack the system. Each card provided by Vingcard has a single UID (unique ID) that corresponds exclusively to that card. That information is written in protected sectors to protect against cloning.

APPLICATIONS

Typical Hotel Applications
- Guests: low cost guest keycards.
- Staff: large memory staff keycards and keyfobs.
- VIP guests: wristbands or keyfobs.

Typical Resort & Spa Application:
- Guests: wristband for guest convenience and all-inclusive.
- Staff: large memory staff keycards and keyfobs.
- VIP guests: wristbands or keyfobs.

CARRIERS

Keycards

Keyfobs

Wristbands

vingcard
ASSA ABLOY

Experience a safer
and more open world

FEATURES COMPARISON

- **MIFARE Ultralight AES** delivers a new level of trust and security for limited-use guest keycards by supporting AES cryptographic authentication.
- **MIFARE Ultralight EV1** is a typical entry level guest card without any options for other functions.
- **MIFARE Plus EV2** is a typical guest card with enhanced security used primarily if you want to use additional information. These cards are needed when integrating with third-party applications.
- **MIFARE DESFire EV3** offers superior performance, flexibility, security and enhanced multi-application support.

	MIFARE Ultralight AES	MIFARE Ultralight EV1	MIFARE Plus EV2	MIFARE DESFire EV3
RF Interface	ISO/IEC 14443 A	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A
Data transfer speed	106 kbit/s	106 kbit/s	up to 848 kbit/s	up to 848 kbit/s
Operating frequency	13.56 MHz	13,56 MHz	13,56 MHz	13,56 MHz
Memory size (bytes)	144	48 or 128	2K or 4K	2K or 4K or 8K
Cryptography	AES 128	32-bit password	AES 128 / Crypto 1	AES 128
Write endurance (cycles)	100,000	100,000	200,000	200,000
Data retention (years)	10	10	25	10
Security certification	CC EAL3+	not available	CC EAL5+	CC EAL5+

APPLICATION COMPARISON

	MIFARE Ultralight	MIFARE Plus /MIFARE DESFire	MIFARE Plus/MIFARE DESFire
Use Cases	Access to room, facilities, parking	Access to room, facilities, parking, local transport, events	Access to multiple rooms and critical infrastructure
Security	Authentication	Authentication, integrity of application, data protection	Authentication, integrity of application, data protection
Application	Limited use application	Extended use, multi-application	Extended use
	Basic guest card	**Smart guest card**	**Staff card**

CUSTOM KEYCARD IMPRINTING

With our custom keycard program, ASSA ABLOY Global Solutions keycards can open doors to more than just your hotel locks. They can open the door to new business opportunities and allow you to increase your profits. With a customized impression, your keycards can be a useful tool to promote your property, your chain or even your suppliers.

Promote property facilities, such as restaurants and shops, let your guests know about special events or advertise local businesses or theme parks. The possibilities are endless.

Contact us today to find out how you can customize your keycards to address your needs.