Mag-Stripe & Smart
Keycards

ASSA ABLOY Hospitality offers a range of keycards to manage your property and access credentials whether you have a traditional mag-stripe lock or a combo lock working with both mag-stripe and smart cards.

MAG-STRIPE KEYCARDS

ASSA ABLOY Hospitality has both LoCo and HiCo mag-stripe keycards available. LoCo stands for low coercivity, HiCo for high coercivity. Coercivity refers to the density of the magnetic particles in the stripe. This density is measured in oersted (oe). LoCo has 300 oe, HiCo has 2750 oe. Data stored in the mag-stripe keyards may be affected when being close to magnetic fields. Therefore, HiCo keycards are more robust. Each type of mag-stripe keycard (LoCo or HiCo) requires its own specific encoder, whereas VingCard locks read both types of card.

Technical data for magnetic stripe cards:

	LoCo	HiCo
Standards	ISO 7810 and DIN 9781	
Width	85,72 mm +/- 0,2 mm	
Height	54,03 mm +/- 0,12 mm	
Thickness	0,76 mm +/- 0,08 mm	
Physical location of magstripe	According to ISO 7811/5	
Physical characteristics of magnetic material	According to ISO 7811/2	
Performance characteristics of magnetic material	According to ISO 7811/2	
Coercivity	300 Oe +/- 12%	2750 Oe +/- 12%
Printing	Custom, white or with standard ASSA ABLOY Hospitality print.	

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The global leader in door opening solutions

SMART KEYCARDS

ASSA ABLOY Hospitality also provides a full range of smart keycards for its combo electronic locks. Typically, smart cards are used by hotel staff due to its ability to store and update information on the smart card itself. By doing so, you can retrieve staff activities (to see where your staff has been and when) as well as low battery reports without having to interrogate each individual lock. Smart cards also allow you to conduct operations with the locks, without needing to use the locklink (synchronizing date and time, retrieving specific lock audit trail, low battery status, employee tracking, etc…) Smart cards are also ready for multi-application with third parties at the hotel: POS, vending machines, etc…

Smart cards from ASSA ABLOY Hospitality are supported by combo locks and are available in the following configurations:
• 2k, white
• 64k, white (required memory size for audit trail on cards / writeback functionality)
• 2k with ASSA ABLOY Hospitality print
• 64k with ASSA ABLOY Hospitality print
• 64k with mag-stripe (LoCo), white
• 64k with mag-stripe (LoCo) and ASSA ABLOY Hospitality print

Physical dimensions: According to ISO 7816
Chip type for 2k cards: Atmel AT88SC0204C
Chip type for 64k cards: Atmel AT88SC6416C

CRYPTO RF

The **Crypto RF** card is the typical card you will need if you want an audit trail log from a lock or want to use a service card or readout card. This type of card will only work as a special keycard or an employee keycard. The Crypto RF card can also store the entry logs directly on the card, thus showing where the card has been used.

CUSTOM KEYCARD IMPRINTING

ASSA ABLOY Hospitality offers a complete range of mag-strip keycards which also enables you to personalize the card with information about your hotel or use it as an advertising space for third parties.

With our custom keycard program, ASSA ABLOY Hospitality 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.

LOCK AND KEYCARRIER MATRIX

Keycard/Carrier	Signature RFID	Signature Combo	Signature Mag	Classic RFID	Classic Combo	Classic Mag
Magstripe		X	X		X	X
Smart Card		X			X	