



Smart credentials



Overview

Schlage® offers a variety of smart credential technology options to fit the needs and budget of most every application. All smart credentials from Schlage are encrypted and secure, but also based on open, global standards, ensuring a future of headache-free flexibility and scalability. Schlage smart credentials offer a single credential solution for secure physical and logical access and are available in a variety of form factors to fit any facility or business need, including ISO style cards, clamshell cards, wristbands, key fobs and adhesive patches. All Schlage smart cards are compliant with international standard ISO 14443. Schlage 13.56 MHz contactless smart credentials are offered with the following industry standard MIFARE® technologies:

MIFARE Classic®

Schlage credentials using MIFARE Classic® technology are ideal for facilities with moderate security needs, and for businesses that want to use credentials to support multiple business functions.

- Simple, fixed memory structure
- Freely programmable memory
- Multiple memory options and form factors

MIFARE Plus®

MIFARE Plus® brings advanced security, with the functionality of the MIFARE Classic credential. A cost efficient solution that's perfect for access control applications.

- Simple, freely programmable, fixed memory structure
- 128 AES encryption used for authenticity, confidentiality and integrity
- Multiple form factors

MIFARE® DESFire® EV1/EV2

MIFARE® DESFire® EV1/EV2 deliver the perfect balance of security, speed and performance. Its open protocol design allows future seamless integration of other applications.

- Flexible file system/flexible memory organization
- Fast and secure data transmission
- 128 AES encryption used for authenticity, confidentiality and integrity
- Multiple memory options and form factors

Features and benefits

- Open architecture design is built on ISO 14443A standards, providing for a faster data transfer speed
- Offered in clamshell, ISO style cards, keyfobs, wristbands and adhesive patches
- Utilizes MIFARE Classic, MIFARE Plus or MIFARE DESFire EV1/EV2
- Custom artwork and laser engraving available for clamshell and ISO style cards



Clamshell card



Wristbands



ISO glossy card



Keyfob/thin keyfob



PVC adhesive patch

CYBERSECURITY

Learn about Allegion's commitment

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Model number	9420, 9451	9520, 9551, 9558	9651	9651T	9351	9751, 9758
Credential type	Clamshell	ISO glossy white ¹	Keyfob	Thin keyfob	Silicone wristband	PVC adhesive patch
Credential technology; ISO standard	MIFARE Classic; ISO 14443	MIFARE Classic; ISO 14443	MIFARE Classic; ISO 14443	MIFARE Classic; ISO 14443	MIFARE Classic; ISO 14443	MIFARE Classic; ISO 14443
Magnetic stripe	No	Yes ²	No	No	No	No
Dimensions (H x W x T)	3.37" x 2.125" x 0.075"	3.37" x 2.125" x 0.033"	2" x 1.24" x 0.38"	1.77" x 1.18" x .06"	0.63" x 7.68" x 0.295"	3.37" x 2.125" x 0.033"
Slot punch ³ (printed guide included on ISO cards)	Vertical (standard)	Vertical or horizontal (optional)	Keyring	Keyring	N/A	Vertical (optional)
Memory capacity; application sectors	2.5k bit; 5 sectors 1K byte/8k bit; 16 sectors	2.5k bit; 5 sectors 1K byte/8k bit; 16 sectors 4K byte/32k bit; 40 sectors	1K byte/8k bit; 16 sectors	1K byte/8k bit; 16 sectors	1K byte/8k bit; 16 sectors	1K byte/8k bit; 16 sectors 4K byte/32k bit; 40 sectors

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Model number	5451	5551	5540	5652T	5751
Credential type	Clamshell	ISO glossy white ¹	ISO glossy white ¹	Thin keyfob	PVC adhesive patch
Credential technology; ISO standard	MIFARE Plus SE; ISO 14443	MIFARE Plus SE; ISO 14443	MIFARE Plus S; ISO 14443	MIFARE Plus SE; ISO 14443	MIFARE Plus SE; ISO 14443
Magnetic stripe	No	Yes ²	Yes ²	No	No
Dimensions (H x W x T)	3.37" x 2.125" x 0.075"	3.37" x 2.125" x 0.033"	3.37" x 2.125" x 0.033"	1.77" x 1.18" x 0.06"	3.37" x 2.125" x 0.033"
Slot punch ³ (printed guide included on ISO cards)	Vertical (standard)	Vertical or horizontal (optional)	Vertical or horizontal (optional)	Keyring	Vertical (optional)
Memory capacity; application sectors	1K byte/8k bit	1K byte/8k bit	4K byte/32k bit	2K byte/16k bit	1K byte/8k bit

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Model number	8420, 8440, 8480	8520, 8540, 8580	8720, 8740, 8780	2420, 2440, 2480	2520, 2540, 2580	2620T
Credential type	Clamshell	ISO glossy white ¹	PVC adhesive patch	Clamshell	ISO glossy white ¹	Thin keyfob
Credential technology; ISO standard	MIFARE DESFire EV1; ISO 14443	MIFARE DESFire EV1; ISO 14443	MIFARE DESFire EV1; ISO 14443	MIFARE DESFire EV2 ISO 14443	MIFARE DESFire EV2 ISO 14443	MIFARE DESFire EV2 ISO 14443
Magnetic stripe	No	Yes ²	No	No	Yes ²	No
Dimensions (H x W x T)	3.37" x 2.125" x 0.075"	3.37" x 2.125" x 0.033"	3.37" x 2.125" x 0.033"	3.37" x 2.125" x 0.075"	3.37" x 2.125" x 0.033"	2" x 1.24" x 0.38"
Slot punch ³ (printed guide included on ISO cards)	Vertical (standard)	Vertical or horizontal (optional)	Vertical or horizontal (optional)	Vertical (standard)	Vertical or horizontal (optional)	Keyring
Memory capacity; application sectors	2K byte/16k bit 4K byte/32k bit 8K byte/64k bit	2K byte/16k bit				

Limited lifetime warranty - Credentials have a lifetime warranty against manufacturers defects. See sales policy for complete warranty details.

¹ ISO glossy white style credentials are made from composite material, are printable, and can include a magnetic stripe as an option.

² Add MI to the model number for a magnetic stripe when ordering. Vertical slot punch not available on magnetic stripe cards.

³ Add SPV (vertical) or SPH (horizontal) your credential order for a slot punch. Vertical slot punch comes standard on all clamshell order. Vertical and horizontal slot punch are optional on ISO cards. Vertical slot punch not available on magnetic stripe cards.

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About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions. Allegion had \$2.9 billion in revenue in 2019 and sells products in almost 130 countries. For more, visit www.allegion.com



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