

aptiQ™

Smart credentials



Overview

aptiQ™ contactless smart credentials put you in control by delivering smarter solutions. These credentials protect your most sensitive data by utilizing extra layers of security protection, and can be used for many other applications including transit, cashless vending, and cafeteria point of sale.

aptiQ™ contactless smart credentials operate on a 13.56 MHz frequency, and utilize high security encrypted data, which is mutually authenticated in communication between the card and reader, providing optimum security. aptiQ™ smart credentials offer the choice of 2.5k, 8k, 16k, 32k, and 64k bits of storage, which will meet the most demanding storage requirements.

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, key fobs, and adhesive patches
- Utilize MIFARE® or MIFARE DESFire™ EV1 technology
- Custom artwork and laser engraving available for clamshell and ISO style cards



13.56 MHz smart credentials

Model number	9420	9451	9520	9551	9558	9651
Credential type	Clamshell	Clamshell	ISO-Glossy White ¹	ISO-Glossy White ¹	ISO-Glossy White ¹	Keyfob
Credential technology; ISO standard	MIFARE; ISO 14443	MIFARE; ISO 14443	MIFARE; ISO 14443	MIFARE; ISO 14443	MIFARE; ISO 14443	MIFARE; ISO 14443
Dimensions (H x W x T in inches)	3.37 x 2.125 x 0.075	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 0.033	2 x 1.24 x 0.038
Slot punch (printed guide)	Vertical (punched)	Vertical (punched)	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Key ring
Memory capacity; application sectors	2.5k bit; 5 sectors	8k bit/1K byte; 16 sectors	2.5k bit; 5 sectors	8k bit/1K byte; 16 sectors	32k bit/4K byte; 40 sectors	8k bit/1K byte; 16 sectors
Warranty	Lifetime - Credentials have a lifetime warranty against manufacturers defects. See sales policy for complete warranty details.					



13.56 MHz smart credentials

Model number	9751	9758	8420 8440 8480	8520 8540 8580	8620 8640 8680	8720 8740 8780
Credential type	PVC patch	PVC patch	Clamshell	ISO-Glossy White ¹	Keyfob	PVC patch
Credential technology; ISO standard	MIFARE; ISO 14443	MIFARE; ISO 14443	MIFARE DESFire™ EV1	MIFARE DESFire™ EV1	MIFARE DESFire™ EV1	MIFARE DESFire™ EV1
Dimensions (H x W x T in inches)	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 0.28	3.37 x 2.125 x 0.033
Slot punch (printed guide)	Vertical	Vertical	Vertical (punched)	Vertical or horizontal	Keyring	Vertical
Memory capacity; application sectors	8k bit/1K byte; 16 sectors	32k bit/4K byte; 40 sectors	2K/4K/8K byte	2K/4K/8K byte	2K/4K/8K byte	2K/4K/8K byte
Warranty	Lifetime - 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. Add M1 to the model number for a magnetic stripe when ordering.

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