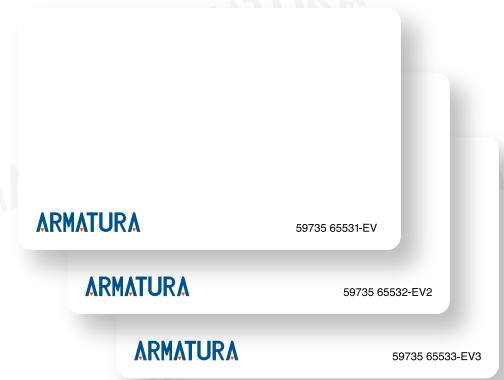


AMT-DESfire Card

Professional Desfire Card - EV1/ EV2/ EV3

- Equipped with AES encryption across all editions (EV1, EV2, EV3).
- Supports multi-application.
- Supports mobile NFC applications and various international standards, including ISO14443A, ISO14443B, and ISO18092/ ECMA-340.
- Backward compatible.



Key Features

High-Level Security

The Armatura Desfire Card is equipped with AES encryption across all editions (EV1, EV2, EV3), providing robust data protection and safeguarding user data against unauthorized access.

Multi-application Support

Designed to facilitate multiple applications, these cards are ideal for integrating various services into a single card platform, simplifying management and usage in complex systems.

Enhanced Performance for Mobile Use

The EV3 model, in particular, features an optimized interface for NFC and mobile transactions, improving usability within mobile-centric systems and services. The EV1 and EV2 models also support mobile NFC applications, albeit with less optimization than the EV3.

Interoperability Across Standards

The Armatura Desfire Card supports various international standards, including ISO14443A, ISO14443B, and ISO18092/ECMA-340. This ensures broad compatibility with a wide array of reader hardware and systems worldwide.

Customizable Site Codes with Armatura One (Coming Soon)

This upcoming feature will allow customers to define their own site codes for various projects and applications, enhancing both security and customization. This capability will enable a tailored security framework that is adaptable to diverse operational environments.

Compatibility with Advanced Security Systems

The EV2 and EV3 cards support the Armatura encryption card, which ensures end-to-end secure communication and robust data protection, making them suitable for high-security applications.

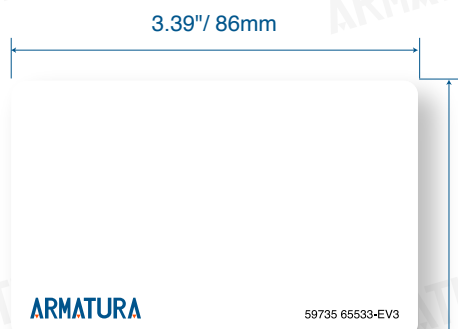
Flexible Memory Organization

These cards offer a flexible memory architecture that can be segmented according to specific requirements, enhancing their versatility for different uses and applications.

Backward Compatibility

Starting with EV1 as the base model featuring core functionalities, both EV2 and EV3 models maintain backward compatibility with all previous generations, ensuring seamless integration and continuity across upgrades.

Dimensions



Specification

	AMT-DesFire EV1	AMT-DesFire EV2	AMT-DesFire EV3
Chip	NXP/Mifare DESFire EV1	NXP/Mifare DESFire EV2	NXP/Mifare DESFire EV3
Dimensions	3.39" (86mm) x 2.13" (54mm) x 0.035 (0.9mm) inches		
Base Material	PVC		
Protocol Standard	ISO/ IEC 14443-4		
Memory Size	2K, 4K, 8K options		
Frequency	13.56 MHz		
IC Life	500,000 cycles		
Data Retention	10 years		
Operating Temperature	-13°F to +158°F		
Security	AES encryption	AES-128 encryption	
Certifications	ISO/ IEC 14443 A 1-4		

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