## 

### **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.

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ARMATURA	59735 65531-EV
ARMATURA	59735 65532-EV2
ARMATURA	59735 65533-EV3

#### **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

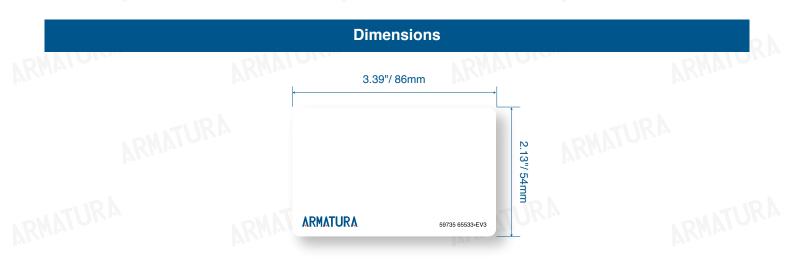
The EV2 and EV3 cards support the Armatura encryption card, which ensures end-to-end secure communication and robust data protection, making them suitable for high-security applications.

#### 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.



# **ARMATURA**

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Specification						
	AMT-DesFire EV1	AMT-DesFire EV2	AMT-DesFire EV3			
Chip	NXP/Mifare DESFire EV1	NXP/Mifare DESFire EV2	NXP/Mifare DESFire EV3			
Dimensions	ARMAN 3.	39" (86mm) x 2.13" (54mm) x0.035 (0.9mm) incl	nes			
Base Material	PVC					
Protocol Standard	ISO/ IEC 14443-4					
Memory Size	ŊΚι.	2K, 4K, 8K options	Klarve			
Frequency		13.56 MHz				
IC Life	OUNTURA	500,000 cycles	TUR			
Data Retention	VKLIW.	10 years	VKLIW,			
Operating Temperature		-13°F to +158°F				
Security	AES encryption	AES-128 er	ncryption			
Certifications	NK1	ISO/ IEC 14443 A 1-4	Klim			

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Address:190 Bluegrass Valley Parkway, Alpharetta, GA 30005 Phone: + 1 (470) 816-1970 Email: sales@armatura.us Website: www.armatura.us Copyright © 2025 Armatura LLC @ ARMATURA, the ARMATURA logo, are trademarks of Armatura