
232, 242 & 243 iCLASS + MIFARE Classic® or MIFARE® DESFire® EV1



Brand: Smartjac Industries Inc
Product Code: SMAH100137

Short Description

Available with magnetic stripe, contact smart chip, PVC or composite card body.

Description

Overview

232, 242 & 243 iCLASS + MIFARE Classic® or MIFARE® DESFire® EV1 Smart Card
Smart cards incorporating iCLASS + MIFARE Classic® or iCLASS + MIFARE® DESFire® EV1, are great for organizations with multiple reader types and for those transitioning from one smart card technology to another.

Choose from the following smart cards:

iCLASS + MIFARE Classic®

iCLASS + MIFARE® DESFire® EV1

Options for smart cards include:

Magnetic stripe

Contact smart chip (an embeddable card body or embedded by HID)

PVC or composite card body

Visual security features

Corporate 1000, iCLASS Elite

HID can also embed a wide range of commercially available contact chips, or customers can select HID's off-the-shelf Crescendo® multi-technology smart card, providing strong authentication options with logical access systems. If users wish to embed their own chip, the embeddable cards come standard as a composite smart card body. As with all Genuine HID smart card products, dual high frequency smart cards are part of the broadest product line of trusted, fully interoperable secure identity solutions in the market and come with guaranteed compatibility with HID reader lines and a lifetime warranty.*

With options such as magnetic stripe and contact smart card chips, each card can be programmed based on customer specifications and can be fully personalized with a wide range of customization offered through HID's Identity on Demand™ service

Lifetime warranty for embedded credentials is only valid for the "Embeddable" line of HID Credentials. The warranty covers the card body only, not the embedded contact chip.

Specifications

iCLASS®

13.56 MHz read/write contactless smart card provides high speed, reliable communications with high data integrity, ensuring high security with mutual authentication, encrypted data transfer and 64-bit diversified keys for read/write capabilities.

Card data is protected by triple DES encryption

Meets ISO/IEC 15693 and 14443B standards for contactless communications

32Kb standard (2KB available with 1KB MIFARE Classic® only)

MIFARE Classic®

MIFARE Classic® offers fast and convenient transactions and is used worldwide for access control, cashless vending and public transportation applications

MIFARE® Application Directory (MAD) allows flexible programming of additional applications to the MIFARE Classic® card

MIFARE Classic® technology uses a mutual authentication and data encryption with a 32/56 bit serial number

4KB standard (1KB available with 2Kb iCLASS only)

MIFARE® DESFire®; EV1

MIFARE® DESFire® EV1 is based on open global standards for security, and is interoperable with existing MIFARE® DESFire® infrastructures.

Transaction times are less than 100 milliseconds for a typical secure ticketing transaction.

MIFARE® DESFire® EV1 is fully compliant with ISO 14443A 1-4, and has been awarded Common Criteria (CC) EAL 4+ for card security.

8k Bytes of dynamic memory is arranged in easy-to-define application folders and data files.

Use 56 bit serial number

All those cards are delivered as an ISO/IEC 7810 ID-1 Card format.