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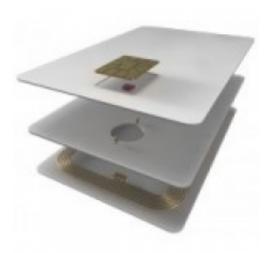
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252, 262 & 263 iCLASS + MIFARE Classic® or MIFARE® DESFire® EV1 + Prox

Brand: Smartjac Industries Inc
Product Code: SMAH100138

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

Description
Overview

252, 262 & 263 iCLASS + MIFARE Classic® or MIFARE® DESFire® EV1 + Proximity Smart Card
Smart cards incorporating iCLASS + MIFARE Classic® or iCLASS + MIFARE® DESFire® EV1, with HID Prox, 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® + HID Prox
iCLASS + MIFARE® DESFire® EV1 + HID Prox

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 smart 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 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 DemandTM 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

HID Proximity

125 KHz technology based on HID RFID solution
Compatibility with all HID proximity readers
All those cards are delivered as an ISO/IEC 7810 ID-1 Card format.