

1455 DESFire Tag



Brand: Smartjac Industries Inc
Product Code: SMAH100149

Short Description

Upgrade for Magstripe & Barium Ferrite Cards - turns plastic ID cards into secure smart card credentials.

Description

Overview

1455 DESFire Smart Card Tag

HID's innovative FlexSmart DESFire Adhesive Tag can turn a plastic ID badge into a contactless smart card credential. Effortlessly upgrade from magstripe or barium ferrite technology, or add DESFire to your contact smart card, by simply attaching the small, circular DESFire Adhesive Tag to your existing card. The DESFire Adhesive Tag will also adhere to any non-metallic device, such as a cell phone or PDA, to instantly create a contactless smart credential.

HID FlexSmart DESFire Adhesive Tag is ideal for diverse applications such as access control, cashless vending, public transportation, corporate and campus applications, ticketing and customer loyalty.

HID DESFire smart card credentials have 4 KB of dynamic memory arranged in easy-to-define application folders and data files. DESFire smart card data can be encrypted with the highly secure Data Encryption Standard (3DES) algorithm providing the confidence that data in the smart card is secure before, during and after the transaction, as well as between folders and files within the credential itself.

Key Features of the DESFire Tag:

High Security - DESFire technology includes mutual authentication, DES and triple-DES data encryption and unique 56-bit serial number.

Fast Processing and Data Communication - Transaction times are less than 100 milliseconds for a typical secure ticketing transaction.

Upgrade Tool - Provides the security of DESFire contactless read/write technology in a small, disk-shaped package.

Cost Effective - The benefits of contactless smart cards without the cost of rebadging.

Convenient - Easy attachment to ID card or other non-metallic device.

Quality - Tag is protected with a lifetime warranty.

Specifications

Typical Maximum Read Range*

Up to 2" (5.0 cm)

Dimensions

1.285" dia x .07" (3.26 cm dia x .18 cm)

Card Construction

Matte White Lexan with Adhesive Back

Memory Type

EEPROM, 4 Kbytes (32,768 bits)

Multi-Application Memory

Dynamic Memory structure, up to 28 applications

Warranty

Lifetime - see Sales Policy for complete details