DE2
MIFARE® DESFire® EV2 SMARTCARD

DOORS   PARKING   TURNSTILES

Delta® Contactless Smartcard

Frequency: 13.56 MHz
Read Range: Up to 2.5 inches (64 mm)

AES
MIFARE® DESFire® EV2 Support
High-Security Encryption Technology

MAXSecure™
Unique Security Feature

ValidID™
Fraudulent Data Detection Solution

ONE YEAR
Warranty
One-Year Warranty

001
Wiegand
Output Interface

Slot-Punch
Vertical & Horizontal Indicators

Contactless
Up to 2.5 in (64 mm)

Farpointe Data®
R e a d e r s • C r e d e n t i a l s

DE2 MIFARE® DESFire® EV2 SMARTCARD

Delta comprises Farpointe Data's 13.56 MHz line of contactless smartcard readers, cards, and tags. Based upon proven MIFARE® contactless digital radio frequency identification (RFID) technology, Delta readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and ValidID™, and now optional MIFARE® DESFire® EV2 application support. Additionally, Delta cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered programmed to various formats and encryption keys.

Specifications	DE2
Technology	Smartcard
Frequency	Excitation (13.56 MHz)
Operation	Passive (no battery)
Type	Dye sublimation
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	Composite PET plastic
Color	Glossy white
Slot Punch	Vertical and horizontal indicators
Marking[1]	Date code and ID
Imaging[2]	Supports dye sublimation imaging
Read Range[3]	Up to 2.5 inches (64 mm)
Outputs[4]	Multi-Application
Options[5]	Custom printing of company logos, URL, telephone number, and more
Warranty	12 months
OEM Label Area Dimensions	N/A
Dimensions	2.1" W × 3.4" H × 0.031" D (53 mm × 86 mm × 0.79 mm)
Weight	0.23 oz (6.4 g)
Operating Temperature	−31° F to 158° F (−35° C to +70° C)
Humidity	0–95% non-condensing
Memory	2-Kbyte EEPROM with fast programming
ISO Standards	Technology: ISO 14443 Size: ISO 7810

NOTES:

1   Matching internal and external sequential coding standard. Custom printing available.

2   Please verify that the printer (or overlay) supports credential type/thickness.

3   Tested with 12 VDC @ Delta5 reader. Reference Card Read Range Document for additional read range information.

4   Typical directory structure of up to 28 applications, with up to 32 files per application.

5   Contact Farpointe to learn how you can customize your cards and tags.

Farpointe Data reserves the right to change specifications without notice.

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