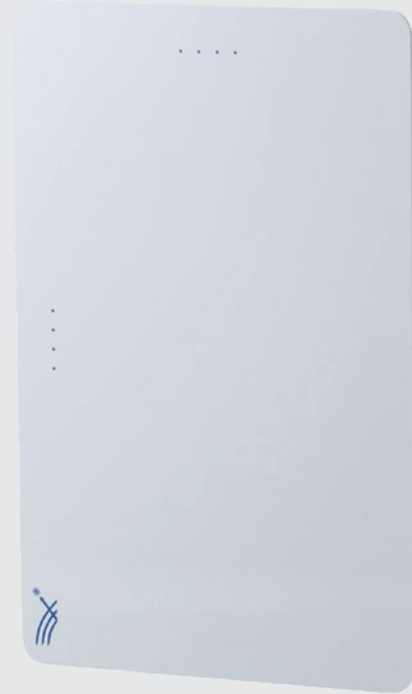












# DE2-125

COMPOSITE 13.56-MHz  
MIFARE<sup>®</sup> DESFire<sup>®</sup> EV2  
2K CONTACTLESS  
SMARTCARD +  
125-kHz PROXIMITY



## Delta<sup>®</sup> Contactless Smartcard

 **Frequency:** 13.56 MHz and 125 kHz  
**Read Range:** Up to 2.5 inches (64 mm)

-  **MIFARE<sup>®</sup> DESFire<sup>®</sup> EV2 Support**  
High-Security Encryption Technology
-  **MAXSecure<sup>™</sup>**  
Unique Security Feature
-  **ValidID<sup>™</sup>**  
Fraudulent Data Detection Solution
-  **Warranty**  
One-Year Warranty
-  **Wiegand**  
Output Interface
-  **Slot-Punch**  
Vertical & Horizontal Indicators
-  **Contactless**  
Up to 2.5 in (64 mm)

## DE2-125 COMPOSITE 13.56-MHz MIFARE® DESFire® EV2 2K CONTACTLESS SMARTCARD + 125-kHz PROXIMITY

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            | DE2-125   |
|---------------------------|---|
| Technology                | Contactless Smartcard + Proximity   |
| Frequency                 | Excitation (13.56 MHz + 125 kHz)  |
| 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   |
| Color                     | Glossy white  |
| Slot Punch <sup>1</sup>   | Vertical and horizontal indicators  |
| Marking <sup>2</sup>      | Internal and external number  |
| Imaging <sup>3</sup>      | Supports dye sublimation imaging  |
| Read Range <sup>4</sup>   | Up to 2.5 inches (64 mm)  |
| Outputs <sup>5</sup>      | Contactless Smartcard: CSN and Sector<br>Proximity: Encoded access control data       |
| Options <sup>6</sup>      | 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     | -13° F to 122° F (-25° C to +50° C)   |
| Humidity                  | 0-95% non-condensing  |
| Memory                    | 2-Kbyte EEPROM with fast programming  |
| ISO Standards             | Technology: ISO 14443<br>Size: ISO 7810   |

### NOTES:

- 1 Credentials may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- 2 Matching internal and external sequential coding standard. Custom printing available.
- 3 Please verify that the printer (or overlay) supports credential type/thickness.
- 4 Tested with 12 VDC @ Delta5 reader. Reference Card Read Range Document for additional read range information.
- 5 CSN = Card Serial Number. Sector = access control data, such as format, facility code, and ID.
- 6 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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