Farpointe Data®
Readers • Credentials

DE2-125
COMPOSITE 13.56-MHz MIFARE® DESFire® EV2/ EV3 2K CONTACTLESS SMARTCARD + 125-kHz PROXIMITY

DOORS PARKING TURNSTILES

Conekt Mobile Smartphone Access Control Solution

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

MIFARE® DESFire® EV2 and EV3 Support
High-Security Encryption Technology

MAXSecure™
Unique Security Feature

ValidID™
Fraudulent Data Detection Solution

Warranty
One-Year Warranty

Wiegand
Output Interface

Slot-Punch
Vertical & Horizontal Indicators

Contactless
Up to 2.5 in (64 mm)

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Conekt comprises Farpointe Data's mobile-ready contactless smartcard access control ID solution. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, Conekt readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand or bi-directional Open Supervised Device Protocol (OSDP). In addition to supporting mobile access credentials—using the Bluetooth Low Energy (BLE) feature of select smartphones—Conekt includes a range of traditional physical access credentials, such as clamshell cards, ISO cards, and key tags. Conekt's range of credentials support 26-Bit Wiegand format, as well as custom Wiegand, ABA Track II magnetic stripe and serial data formats. They employ value-add features, such as MAXSecure™, and advanced data protection, such as AES encryption. All Conekt credentials can be ordered programmed to various formats in exact number sequence required, and can be private labeled with a company name, logo, phone number, web address, or other information.

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[1]	Vertical and horizontal indicators
Marking[2]	Internal and external number
Imaging[3]	Supports dye sublimation imaging[4]
Read Range[5]	Up to 2.5 inches (64 mm)
Outputs[6]	Contactless Smartcard: CSN and Sector Proximity: Encoded access control data
Options[7]	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 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 For best results, consider a high-quality photo card printer making use of retransfer printing technology.
5 Tested with 12 VDC @ Delta5 reader. Reference Card Read Range Document for additional read range information.
6 CSN = Card Serial Number. Sector = access control data, such as format, facility code, and ID.
7 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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