



DK1-3 KEY FOB SMARTCARD



Delta[®] Contactless Smartcard



Frequency: 13.56 MHz
Read Range: Up to 0.75 inches (19 mm)



MIFARE[®] DESFire[®] EV1 Support
High-Security Encryption Technology



MAXSecure[™]
Unique Security Feature



ValidID[™]
Fraudulent Data Detection Solution



Warranty
Lifetime Warranty



Wiegand
Output Interface



Slot-Punch
Standard Reinforced Brass Eyelet



Contactless
Up to 3 in (76 mm)

DK1-3 KEY FOB 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® EV1 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	DK1-3
Technology	Smartcard
Frequency	Excitation (13.56 MHz)
Operation	Passive (no battery)
Type	Key tag
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	ABS
Color	Gray
Slot Punch	Standard reinforced brass eyelet
Marking ¹	Date code and ID
Imaging ²	N/A
Read Range ³	Up to 0.75 inches (19 mm)
Outputs ⁴	CSN, Sector and Application
Options ⁵	Custom printing of company logos, URL, telephone number, and more
Warranty	Limited lifetime warranty
OEM Label Area Dimensions	0.11" W × 0.25" H (2.8 mm × 6.4 mm) with corner radius of 0.63" (16 mm)
Dimensions	1.2" W × 1.5" H × 0.15" D (30 mm × 38 mm × 3.8 mm)
Weight	0.16 oz (4.5 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Memory	1K memory standard ⁶
ISO Standards	Technology: ISO 14443 Size: N/A
Technologies Supported	MIFARE® Classic or MIFARE® DESFire® EV1 (128-bit AES encryption)

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 CSN = Card Serial Number. Sector = access control data, such as format, facility code, and ID.
Application = 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.
- 6 Other memory sizes available.

Farpointe Data reserves the right to change specifications without notice.

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