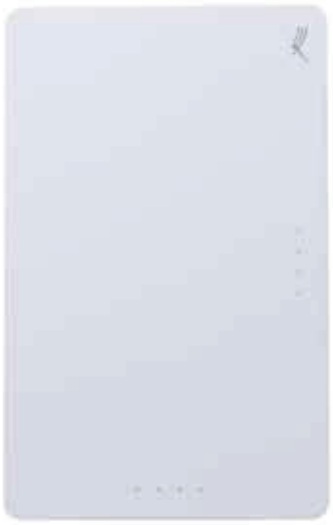
DM1-3/DM4-3

13.56 MHz Imageable Smartcard

Delta® Smartcard Technology
Data Sheet



Application - Ideal for access control applications such as door access.

Compatible - Can be encoded with 26-bit Wiegand, custom Wiegand or magnetic stripe formats.

Industry Friendly - Outputs CSN reads, Sector reads and may be ordered with custom encryption keys.

Convenience - May be used as a contactless smartcard or a photo identification.

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 support sector or CSN reads. 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.

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Farpointe Data
Readers ◉ Credentials

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TransTech Systems
Identifying Solutions

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Features and Specifications:

Technology:	Smartcard
Operation:	Passive (no battery)
Formats:	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Dimensions (HxWxD):	3.4 x 2.1 x 0.031 inches (86 x 54 x 0.79 mm)
Material:	PVC
Color:	Glossy white
Slot Punch[1]:	Vertical and horizontal indicators
Imaging[3]:	Supports dye sublimation imaging
Read Range[5]:	Up to 2.75 inches (70 mm)
Outputs[6]:	CSN and Sector
ISO Standards:	Technology: ISO 14443 Size: ISO 7810

Operating Frequency:	Excitation (13.56 MHz)
Type:	Dye Sublimation
OEM Label Area Dimensions:	N/A
Operating Temperature:	-35° F to 122° F (-35° C to +50° C)
Weight:	0.19 oz. (5.5g)
Humidity:	0-95% non-condensing
Marking[2]:	Date code and ID
Warranty:	12 months
Options[4]:	Custom printing of company logos, URL, telephone number available
Memory:	DM1-3: 1K memory DM4-3: 4K memory

[1] Models DM1-3, DM4-3, DM1-3S and DM4-3S 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] Contact Farpointe to learn how you can customize your cards and tags.
[5] Tested with 12VDC @ 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.

Farpointe Data reserves the right to change specifications without notice.

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