



DELTA® CONTACTLESS SMARTCARD READERS & CREDENTIALS

An added layer of protection for security-sensitive applications

Delta6.4 Contactless Smartcard Keypad & Reader with Clamshell Contactless Smartcard



**Optional MIFARE®
DESFire® EV1
Application Support**

Farpointe Data is the access control industry's trusted global partner for premium RFID solutions, including proximity, contactless smart and long-range technologies.

In need of an ISO/IEC 14443 compliant access identification solution? Delta Contactless Smartcard Readers and Credentials comprise an advanced radio frequency identification (RFID) solution

optimized for electronic access control. Delta makes use of NXP Semiconductors' MIFARE® technology, perhaps the leading industry standard for contactless smartcards with literally billions of devices sold worldwide.

Delta also supports a wide range of third-party contactless 13.56-MHz smartcard-based credentials, as well as the entire range of Delta credentials.

Benefits of 13.56-MHz Delta:

- Enhanced smartcard encryption and optional DESFire® EV1 support
- Supports industry standard interfaces
- Based upon the world-standard MIFARE® technology, ideal for ISO14443 applications
- Installs indoors or outdoors
- Lifetime warranty on ALL readers

High-Level Security Features

The Delta line offers unique, Farpointe-only features such as MAXSecure™ and Valid ID™, and now optional MIFARE® DESFire® EV1 application support. MAXSecure™ provides a higher-security handshake, or code, between the credential and reader that may help prevent credential duplication and ensure data integrity. If credential tampering does occur, Valid ID can detect this tampering and alert the access control system. Credentials based upon MIFARE DESFire EV1 offer even more protection using an even higher security encryption technology standard.

Features of Delta MIFARE DESFire EV1 Credentials:

- Powerful 128-bit Advanced Encryption Standard (AES)
- Large 56-bit card serial number (CSN)
- Up to 28 applications and 32 files per application on each credential
- 2K-, 4K-, and 8K-byte memory sizes available



Delta® Contactless Smartcard

SELECTION GUIDE

13.56-MHz READERS	Read Range	Mounting Type					Warranty	
		Mullion	Single-Gang	Double-Gang	Parking Bollard	Euro/Asian	LIFETIME	ONE YEAR
Delta3	up to 1.5 inches (38 mm)	•					•	
Delta5	up to 3 inches (76 mm)		•				•	
Delta5.3	up to 1.5 inches (38 mm)					•	•	
Delta6.4	up to 2 inches (51 mm)		•				•	

13.56-MHz CREDENTIALS	Read Range	DESFire® EV1	MAXSecure™	Valid ID™	Wiegand	Magnetic Stripe	Warranty	
							LIFETIME	ONE YEAR
DC1-1/DC4-1	up to 3 inches (76 mm)	•	•	•	•		•	
DM1-3/DM4-3	up to 2.75 inches (70 mm)	•	•	•	•			•
DM1-3S/DM4-3S	up to 2.75 inches (70 mm)	•	•	•	•	•		•
DK1-3/DK4-3	up to 0.75 inches (19 mm)	•	•	•	•		•	

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