Farpointe Data®
Readers • Credentials

DELTA® CONTACTLESS SMARTCARD READERS & CREDENTIALS

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

AES

MIFARE® DESFire® EV1 and EV2 Support

An added layer of protection for security-sensitive applications

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:
- Optimized for MIFARE® DESFire® EV1 and EV2 high-security contactless smartcard support
- Supports industry standard interfaces
- Based upon the world-standard MIFARE® technology, ideal for ISO 14443 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 ValidID™, and now optional MIFARE® DESFire® EV1 and EV2 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, ValidID can detect this tampering and alert the access control system. Credentials based upon MIFARE DESFire EV1 and EV2 offer even more protection using an even higher security encryption technology standard.

Features of Delta MIFARE DESFire EV1 and EV2 Credentials:

- Powerful 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 and EV2	MAXSecure™	ValidID™	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)	●	●	●	●	●		●
DE2	up to 2.5 inches (64 mm)	●	●	●	●			●
DK1-3/DK4-3	up to 0.75 inches (19 mm)	●	●	●	●		●	

Farpointe Data reserves the right to change specifications without notice.

Farpointe Data, Inc.
2195 Zanker Road
San Jose, CA 95131 USA
Office: +1-408-731-8700
Fax: +1-408-731-8705
support@farpointedata.com

www.farpointedata.com