



# DC1-1 CLAMSHELL SMARTCARD



## Delta<sup>®</sup> Contactless Smartcard



**Frequency:** 13.56 MHz  
**Read Range:** Up to 3 inches (76 mm)



**MAXSecure<sup>™</sup>**  
Unique Security Feature



**ValidID<sup>™</sup>**  
Fraudulent Data Detection Solution



**Warranty**  
Lifetime Warranty



**Wiegand**  
Output Interface



**Slot-Punch**  
Standard Vertical Slot



**Contactless**  
Up to 3 in (76 mm)

## DC1-1 CLAMSHELL 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™. 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	DC1-1
Technology	Smartcard
Frequency	Excitation (13.56 MHz)
Operation	Passive (no battery)
Type	Clamshell card
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	ABS
Color	Off-white
Slot Punch	Standard, vertical slot
Marking <sup>1</sup>	Date code and ID
Imaging <sup>2</sup>	Use a glossy adhesive overlay for color dye sublimation printing or print directly on card
Read Range <sup>3</sup>	Up to 3 inches (76 mm)
Outputs <sup>4</sup>	CSN and Sector
Options <sup>5</sup>	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 × 6.3 mm) with corner radius of 0.63" (16 mm)
Dimensions	2.2" W × 3.4" H × .06" D (56 mm × 86 mm × 1.5 mm)
Weight	0.3 oz (9 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Memory	1K memory standard <sup>6</sup>
ISO Standards	Technology: ISO 14443
Technologies Supported	MIFARE® Classic

### 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.
- 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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