









# DELTA5.3 CONTACTLESS SMARTCARD READER



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

 **Frequency:** 13.56 MHz  
**Read Range:** Up to 1.5 inches (38 mm)

-  **MAXSecure™**  
Integrated High-Security Technology
-  **ValidID™**  
Fraudulent Data Detection Solution
-  **Warranty**  
Lifetime Warranty
-  **Wiegand**  
Output Interface
-  **European/Asian Wall-Box Mount**  
Box & Flat Surfaces

# DELTA5.3 CONTACTLESS SMARTCARD READER

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 and card serial number (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.

Specifications	Delta5.3
Technology	Contactless smartcard
Frequency	13.56 MHz
Mounting <sup>1</sup>	European or Asian single-gang wall box, as well as flat surfaces
Dimensions	3.25" W × 3.25" H × 0.8" D (83 mm × 83 mm × 20 mm)
OEM Label Area Dimensions	0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.63" (16 mm)
Weight	4 oz (113 g)
Certifications	FCC, ICC, CE
IP Code <sup>2</sup>	IP67
Voltage <sup>3</sup>	+5 – 14 VDC
Current Draw	135 mA typical @ 12 VDC
Read Range <sup>4</sup>	Up to 1.5 inches (38 mm)
Cabling <sup>5</sup>	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand ABA Track II
Operating Temperature	-40° F to 149° F (-40° C to +65° C)
Color Options	A black snap-on cover included standard
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Keypad Output <sup>6</sup>	N/A
Technologies Supported	Delta5.3-CSN: Interoperable with CSN <sup>7</sup> only (may include ISO 14443 and ISO 15693 compliant credentials, as well as credentials making use of MIFARE® Classic 1k & 4k, MIFARE® DESFire®, MIFARE UltraLight®, and MIFARE Plus®).  Delta5.3-Sector: Interoperable with CSN + Sector (may include Delta Card Sector <sup>8</sup> , as well as FIPS201 [PIV Type A & B], TWIC, and CAC credentials).

**NOTES:**

- 1 Spacer included standard for installations on metal.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using DC1-1 Delta Clamshell Contactless Smartcard with 12 VDC at the reader. Other credentials may be less.
- 5 For example, Belden 9535 or similar.
- 6 Available only on Delta6.4 model; 8-Bit Burst or 26-bit Wiegand standard. For 4-Bit Burst and other options, please contact Farpointe.
- 7 CSN = Card Serial Number.
- 8 Examples include, but are not limited to, DC1-1, DM1-3, and DK1-3.



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