![Farpointe Data Readers • Credentials logo]

DELTA6.2
MULLION-MOUNT CONTACTLESS SMARTCARD READER AND KEYPAD

DOORS   **PARKING**   **TURNSTILES**   **KEYPAD**

Delta® Contactless Smartcard

Frequency: 13.56 MHz
Read Range: Up to 2 inches (51 mm)

AES — **Optimized for MIFARE® DESFire® EV1 & EV2**
Integrated High-Security Contactless Smartcard Support

MAXSecure™
Unique Security Feature

ValidID™
Fraudulent Data Detection Solution

LIFETIME — **Warranty**
Lifetime Warranty

001 — **Wiegand, ABA Track II Magnetic Stripe or OSDP***
Output Interface

Mullion Mount
Metal Door, Window Frames & Flat Surfaces

*OSDP readers are independent models and need to be appended
 with the suffix "-OSDP" when ordering (Example: Delta6.2-OSDP).

DELTA6.2 MULLION-MOUNT CONTACTLESS SMARTCARD READER AND KEYPAD

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 either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). 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	Delta6.2
Technology	Contactless smartcard
Frequency	13.56 MHz
Mounting	Mullions, including metal door and window frames, as well as flat surfaces
Dimensions	1.78" W × 6.1" H × 0.91" D (45 mm × 155 mm × 23 mm)
OEM Label Area Dimensions	0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.06" (1.5 mm)
Weight	4 oz (113 g)
Certifications	FCC, ICC, CE
IP Code[1]	IP67
Voltage[2]	+8 to 14 VDC
Current Draw	175 mA typical @ 12 VDC
Read Range[3]	Up to 2 inches (51 mm)
Cabling[4]	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats), ABA Track II magnetic stripe (clock and data) or OSDP[5]
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	Either Wiegand[6] or OSDP[5]
Technologies Supported[7]	Delta6.2-CSN[8]: Supports CSN-only reading of certain credentials making use of ISO 14443 and ISO 15693 compliant protocols. Delta6.2-Sector: Supports CSN + Sector (may include Delta Card Sector[9], as well as FIPS201 [PIV Type A], TWIC, and CAC credentials) reading of certain credentials making use of ISO 14443 and ISO 15693 compliant protocols.

NOTES:
1   Independently tested and verified by Intertek.
2   Linear power supplies are recommended for best operation.
3   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, supporting the five conductors comprising the physical layer of the Wiegand interface (power, ground, data 0, data 1, and/or beeper and LED). Alternatively, Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Contact your access control system manufacturer for their specific requirements.
5   OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: Delta6.2-OSDP).
6   8-Bit Burst or 26-bit Wiegand standard. For 4-Bit Burst and other options, please contact Farpointe.
7   Technologies supported may include MIFARE® Classic, MIFARE® DESFire® EV1 & EV2, MIFARE UltraLight® and MIFARE® Plus, as well as other credential types.
8   CSN = Card Serial Number.
9   Examples include, but are not limited to, DC1-1, DM1-3, and DK1-3.

For proper PIN security with keypad readers, please review our PIN Best Practices Reference Document.

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