

13.56 MHz How to Order Guide – D00529, B.4

4XX - Crescendo Ordering Guide

Crescendo cards are designed for combined physical and logical access control. The embedded cryptoprocessor contact chip enables Crescendo to perform as a PKI token in both Microsoft and heterogenous IT environments. Crescendo also includes the contactless and/or proximity technologies necessary to support your existing physical access control systems. Magnetic stripe technology can also be included, and Crescendo cards can be personalized with a photo ID, barcode, or anti-counterfeiting element.

Please ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Base Model : 402 -- Crescendo C200

For use with Microsoft Base Smart Card CSP and Smart Card KSP¹

407 -- Crescendo C700

For use in PKCS #11 and Microsoft CryptoAPI (CSP) environments¹

Contactless Technology (Check One)

- 2 – iCLASS Only - 13.56 Mhz 32k Bit (4K Byte) memory
- 4 – Mifare Only - 13.56 Mhz 4K Byte memory
- A – Combo iCLASS and Prox – 125 kHz HID, Indala, or Casi Compatible Proximity plus 32k Bit iCLASS
- C – Combo Mifare and Prox – 125 kHz HID, Indala, or Casi Compatible Proximity plus 4K Byte Mifare

Option - Magnetic Stripe

- M - Standard Three Track High Coercivity Magstripe (ISO 7816-6)

Option - Custom Artwork ⁶

- _____ (Specify Artwork Number – Refer to the Custom Artwork Forms for new artwork)

Please enter your final card options from check boxes above. Examples: 407A and 4022M

Final Part Number	<input checked="" type="checkbox"/> 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>
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Configuration and Programming Information Needed for Order Processing

External Marking Technology

- Inkjet
- Laser ⁸

iCLASS Memory Size and Allocation (Check One)

- Not Applicable (Use this when choosing Mifare options 4 and C above.)
- 16k Bits (2k Bytes) with 2 Application Areas
- 16k Bits (2k Bytes) with 16 Application Areas
- 32k Bits (4K Bytes) Application areas 16k/2+16k/1
- 32k Bits (4K Bytes) Application areas 16k/16+16k/1

Contactless Programming (Check Only One in the appropriate section.)

iCLASS Only (Choice "2" in the Contactless Technology section above)

- Configured, Non-Programmed ²
- Programmed (Specify Programming below.)

Mifare Only (Choice "4" in the Contactless Technology section above)

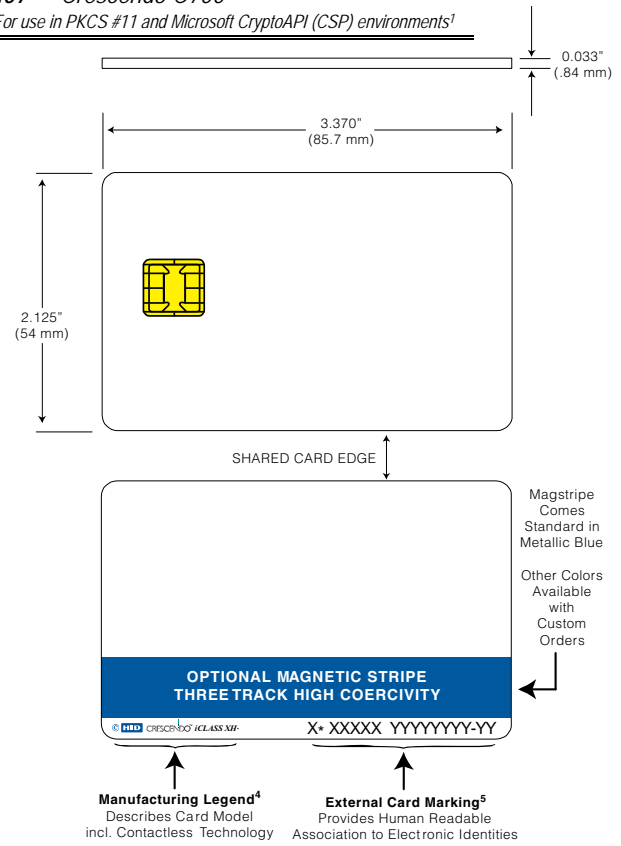
- Programmed (Specify Programming below.)
- Non-Programmed ²
- Custom Programmed ³

Combo iCLASS and Prox (Choice "A" in the Contactless Technology section above)

- Configured, Non-Programmed ² iCLASS & Non-Programmed ² 125 kHz Proximity.
- Configured, Non-Programmed ² iCLASS, Programmed 125 kHz Proximity. (Specify Programming below.)
- Programmed iCLASS & Non-Programmed ² 125 kHz Proximity. (Specify Programming below.)
- Programmed iCLASS & Programmed 125 kHz Proximity. (Specify Programming below.)

Combo Mifare and Prox (Choice "C" in the Contactless Technology section above)

- Non-Programmed Mifare ² & Non-Programmed ² 125 kHz Proximity.
- Non-Programmed Mifare ² & Programmed 125 kHz Proximity (Specify Programming below.)
- Programmed Mifare & Non-Programmed ² 125kHz Proximity (Specify Programming below.)
- Programmed Mifare & Programmed 125kHz Proximity (Specify Programming below.)
- Custom Programmed Mifare & Non-Programmed ² 125 kHz Proximity (Specify Programming below.)
- Custom Programmed Mifare & Programmed 125kHz Proximity (Specify Programming below.)



FOOTNOTES

¹ For further information about MS CAPI and PKCS #11, please visit www.hidglobal.com. ² Non-programmed cards will likely require field programming capability. HID offers various solutions for users to securely program their credentials. ³ Any programming requiring custom keys or non-standard memory locations. ⁴ The Manufacturing Legend is a required element on all cards. ⁵ External Card Marking is used both to trace manufacturing lots and provide human readable serialization. ⁶ Contact Customer Service for custom artwork number, lead-times, and cost. ⁷ Though most formats require only two fields (site code and card number), use this area to note values for additional fields if required by the format. ⁸ Laser marking may extend lead times.

iCLASS Programming Information

Format _____ (ex.: H10301)

Facility / Site Code _____

Additional Field Data⁷ _____

Internal Card No. Start _____

External Card No. Matching Non-Matching
 Random

External Start No. _____ (If not Matching)

Optional PIN: Sequential: Start # _____
 Random: Length _____

Mifare Programming Information

HID Mifare Indala or Custom Mifare

Format _____ (ex.: H10301)

Facility / Site Code _____

Additional Field Data⁷ _____

Internal Card No. Start _____

External Card No. Matching Non-Matching
 Random

External Start No. _____ (If not Matching)

125 kHz Programming Information

HID Indala Casi Compatible

Format _____ (ex.: H10301)

Facility / Site Code _____

Additional Field Data⁷ _____

Internal Card No. Start _____

External Card No. Matching Non-Matching
 Random

External Start No. _____ (If not Matching)