



## Basics of Ordering iCLASS Contactless Smart Credentials

Each part number consists of a base number, to indicate the type of credential, and a number or letter to indicate each credential option. Each credential has a standard part number which includes default options, as indicated on the attached credential guides. When an order is placed for a credential, the base number and all options must be specified. If you require any options that are different from the default options, you must also indicate those options at the time the order is placed. All part numbers must be complete to be accepted by HID's order entry system.

All reader orders must have the following information:

- BASE MODEL NUMBER
- STYLE
- READ RANGE
- TYPE
- COLOR
- OUTPUT FORMAT (reader's format or format number must also be given at time of order)

All credential orders must have the following information:

- **Base Part Number** - Indicates type of credential
  - Standard PVC
  - Composite 40% Polyester/PVC (Recommended for long life applications or when applying an over-laminate)
- **Memory Size and Allocation**
  - 0 - 2k Bits (256 Bytes) with 2 Application Areas
  - 1 - 16k Bits (2k Bytes) with 2 Application Areas
  - 2 - 16k Bits (2k Bytes) with 16 Application Areas
  - 3 - 32k Bits (4K Bytes) Application areas 16k/2+16k/1
  - 4 - 32k Bits (4K Bytes) Application areas 16k/16+16k/1
- **Programming** - Indicates whether the credential is programmed at the factory by HID or programmed by you with an HID iCLASS card programmer. If the credential is ordered non-programmed, an HID iCLASS card programmer must be used for programming. (Contact an HID sales representative for iCLASS card programmer eligibility).
- **Front Packaging** - Indicates standard or custom artwork and type of finish.
- **Back Packaging** - Indicates standard or custom artwork and type of finish.
- **iCLASS Credential Numbering** - Internal 13.56 MHz programmed number and visible external credential number.
- **Slot Punch**
- **Optional 125 kHz Proximity or Wiegand Credential Numbering** - Internal 125 kHz Proximity or Wiegand programmed number and visible external credential number.

All orders for custom artwork credentials must have the following information:

- **Custom Artwork Number** (Call your Customer Service Representative if number is not available)

In addition, all credential orders must have the following programming information:

- Bit Format(s)
- Facility Code(s)
- Internal and External Start Numbers
- Internal PIN Code (Length: 2 - 12 Digits)
- iCLASS Elite Programming Information (if applicable)
- Any Special Instructions





**iCLASS Programming Information**

**125 kHz Programming Information**

Bit Numbers \_\_\_\_\_ (example: 26 bit)  
 Format Number \_\_\_\_\_ (example: H10301)  
 Facility Code \_\_\_\_\_  
 iCLASS Elite ICE Number (if applicable) - \_\_\_\_\_  
 (Custom Formats) Site Code \_\_\_\_\_, City Code \_\_\_\_\_  
 OEM Code \_\_\_\_\_  
 Internal Card No. Start \_\_\_\_\_, Stop \_\_\_\_\_  
 External Card No. Start \_\_\_\_\_, Stop \_\_\_\_\_  
 PIN:  Sequential: Start # \_\_\_\_\_  Random: Length \_\_\_\_\_

Bit Numbers \_\_\_\_\_ (example: 26 bit)  
 Format Number \_\_\_\_\_ (example: H10301)  
 Facility Code \_\_\_\_\_  
 (Custom Formats) Site Code \_\_\_\_\_, City Code \_\_\_\_\_  
 OEM Code \_\_\_\_\_  
 Internal Card No. Start \_\_\_\_\_, Stop \_\_\_\_\_  
 External Card No. Start \_\_\_\_\_, Stop \_\_\_\_\_  
 Special Instructions: \_\_\_\_\_

- <sup>1</sup> For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.
- <sup>2</sup> Cards ordered with plain white front and back packaging, or custom artwork, will still have a small HID logo and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.
- <sup>3</sup> The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card.
- <sup>4</sup> For Laser Engraved external numbers, consult factory for lead times and cost.
- <sup>5</sup> Cards are provided with an optional slot punch at no additional charge.
- <sup>6</sup> HITAG combination cards are only available with iCLASS 32k Bits. Some video imaging printers cannot accommodate pre-slot punched cards.
- <sup>7</sup> H slot punch option is not yet supported on iCLASS 16k or 32k memory options.
- <sup>\*</sup> The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.

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