

"How to Order" Guide

This document includes ordering instructions for Proximity, Magnetic Stripe, and Smart Cards Technologies.

For *iCLASS*™ ordering instructions, please refer to the *iCLASS* "How To Order Guide."
Click here for the *iCLASS* "How To Order Guide."

[Click here to go to the "Table of Contents"](#)

The most current version of this document is always available for download at:
www.HIDCorp.com/support

To check status on your order, go to:
www.HIDCorp.com/order
to register.

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For iCLASS® ordering instructions, please refer to the iCLASS "How To Order Guide."	



HID Corporation "How to Order Guide" Access Control 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 credential orders must have the following information:

- **Base Model Number** - Indicates type of credential
- **Frequency** - Indicates high (400 kHz), low (125 kHz), or (13.56 MHz) frequency. Low frequency (125 kHz) is standard for all HID Proximity access credentials. 400 kHz is an optional frequency offered for use with the older generation Destron/IDI products and ProxCard® II proximity credentials. 13.56 MHz is the contactless frequency associated with MIFARE®.
- **Programming** - Indicates whether the credential is programmed at the factory by HID or programmed by you with an HID field programmer. If the credential is ordered non-programmed, an HID field programmer must be used for programming. (Contact an HID sales representative for field programmer eligibility.)
- **Front Packaging** - Indicates standard or custom artwork and type of finish.
- **Back Packaging** - Indicates standard or custom artwork and type of finish.
- **125 kHz Credential Numbering** - Internal 125 kHz programmed number and visible external credential number.
- **Slot Punch**
- **Optional 13.56 MHz Credential Numbering** - Internal 13.56 MHz 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 and Format(s) Numbers**
- **Facility Code(s)**
- **Internal and External Start Numbers**
- **Any Special Instructions**

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1326 - ProxCARD® II Card Ordering Form

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

* 1326 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

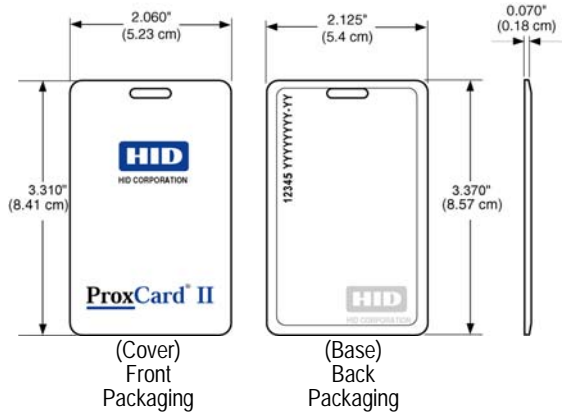
- S - ProxCARD II Artwork - Vinyl with Matte Finish
- M - Plain White Vinyl with Matte Finish
- G - Plain White PVC with Gloss Finish
- A - ProxCARD II with Adhesive Front¹
- C - Custom Artwork - Specify Custom Artwork Number²

* Back Packaging (Check One)

- S - Base with Molded HID Logo
- C - Custom Artwork - Specify Custom Artwork Number²

* Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)



12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

* Slot Punch

- V - Vertical Slot Punch

Optional Custom Artwork²

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

Please enter your final card options from check boxes above. Example: 1326LSSMV

* Final Part Number	1326				V	-	(Optional Artwork #)
---------------------	------	--	--	--	---	---	----------------------

* 125 kHz Card Programming Information

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: _____

¹ The part numbers for non-adhesive labels to be used with the ProxCARD II with the adhesive front are 1324GGN31 without slot and 1324NGGV31 with slot.

² For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.

³ The external card number is placed in the top left-hand corner on the back of the card. HID logo molded into base on back.



1336 - DuoProx® II Card Ordering Form

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

* 1336 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC w/ Gloss Finish
- C - Custom Artwork w/ Gloss Finish – Specify Custom Artwork Number¹

* Back Packaging (Check One)

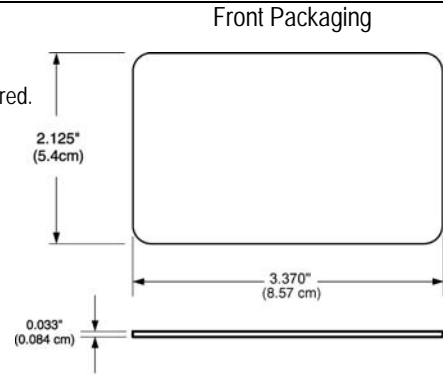
- G - Plain White PVC w/ Gloss Finish²
- S - Standard DuoProx II Artwork Gloss Finish²
- C - Custom Artwork w/ Gloss Finish – Specify Custom Artwork Number^{1, 2}

* Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁵
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁵
- C - Random Internal/Non-Matching Sequential External (Engraved)⁵

* Slot Punch⁴ (Check One)

- N - No Slot Punch (*Printed location of vertical and horizontal slot punch will remain*)
- V - Vertical Slot Punch (*Printed location of horizontal slot punch will remain*)
- H - Horizontal Slot Punch (*Printed location of vertical slot punch will remain*)



12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Optional Custom Artwork¹

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

Please enter your final card options from check boxes above. Example: 1336LGGMN

* Final Part Number	1336							-	(Optional Artwork #)
---------------------	------	--	--	--	--	--	--	---	----------------------

* 125 kHz Card Programming Information

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: _____

¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.
² Cards ordered with plain white front and back packaging, with no HID artwork or with 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.
³ The external card number is placed in the bottom right-hand corner on the back of the card.
⁴ Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.
⁵ For Laser Engraved external numbers, consult factory for lead times and cost.



1346 - ProxKey® II Keyfob Ordering Form

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

* 1346 Base Model **Part Number Worksheet** (* = Required Fields)

*** Programming (Check One)**

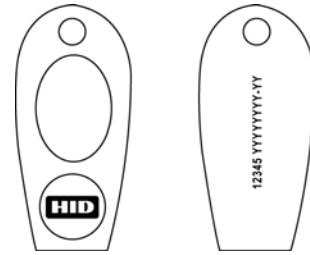
- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

*** Front Packaging**

- S - Standard HID Logo

*** Back Packaging**

- S - Standard



Front Packaging Back Packaging

12345 = Keyfob ID Number
YYYYYYYY-YY = Sales Order Number

*** Keyfob Numbering¹ (Check One)**

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)²
- B - Sequential Internal/Sequential Non-Matching External (Engraved)²
- C - Random Internal/Non-Matching Sequential External (Engraved)²

*** Slot Punch³**

- N - No Option

Please enter your final ProxKey options from check boxes above. Example: 1346LSSMN

* Final Part Number	1346		S	S		N	-	(Optional Artwork #)
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*** 125 kHz ProxKey Programming Information**

Bit Numbers _____ (example: 26 bit) Format Number _____ (example: H10301)

Facility Code _____

(Custom Formats) Site Code _____ City Code _____ OEM Code _____

Internal Key No. Start _____ Stop _____

External Key No. Start _____ Stop _____

Special Instructions: _____

¹ The external number is placed on the back of the Keyfob.

² For Laser Engraved external numbers, consult factory for lead times and cost.

³ Key Ring sold separately (Part Number: 57-0001-02).



1386 - ISOProx® II Card Ordering Form

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

* 1386 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC w/ Gloss Finish
- C - Custom Artwork w/ Gloss Finish – Specify Custom Artwork Number¹

* Back Packaging (Check One)

- G - Plain White PVC w/ Gloss Finish²
- S - Standard ISOProx II Artwork Gloss Finish²
- C - Custom Artwork w/ Gloss Finish – Specify Custom Artwork Number^{1, 2}

* Card Numbering (Check One)

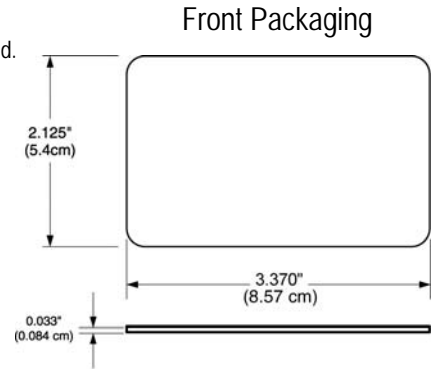
- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁵
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁵
- C - Random Internal/Non-Matching Sequential External (Engraved)⁵

* Slot Punch⁴ (Check One)

- N - No Slot Punch (*Printed location of vertical and horizontal slot punch will remain*)
- V - Vertical Slot Punch (*Printed location of horizontal slot punch will remain*)
- H - Horizontal Slot Punch (*Printed location of vertical slot punch will remain*)

Optional Custom Artwork¹

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



12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Please enter your final card options from check boxes above. Example: 1386LGGMN

* Final Part Number	1386							-	(Optional Artwork #)
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* 125 kHz Card Programming Information

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: _____

¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.
² Cards ordered with plain white front and back packaging, with no HID artwork or with 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.
³ The external card number is placed in the bottom right-hand corner on the back of the card.
⁴ Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.
⁵ For Laser Engraved external numbers, consult factory for lead times and cost.



1397 - Smart ISOProx® II Card Ordering Form

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

* 1397 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC with Gloss Finish
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹

* Back Packaging (Check One)

- G - Plain White PVC with Gloss Finish²
- S - Standard Smart ISOProx II Artwork²
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number^{1,2}

* Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

* Slot Punch⁵ (Check One)

- N - No Slot Punch (Printed location of vertical slot punch will remain)
- V - Vertical Slot Punch

Optional Custom Artwork¹

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

Please enter your final card options from check boxes above. Example: 1397LGGMN

* Final Part Number	1397							-	(Optional Artwork #)
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* 125 kHz Card Programming Information

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: _____

For Contact Smart Chip selection, please refer to the "Contact Smart Card Request For Quotation" on page 14 of this document. Standard configuration does not include a contact smart chip module.

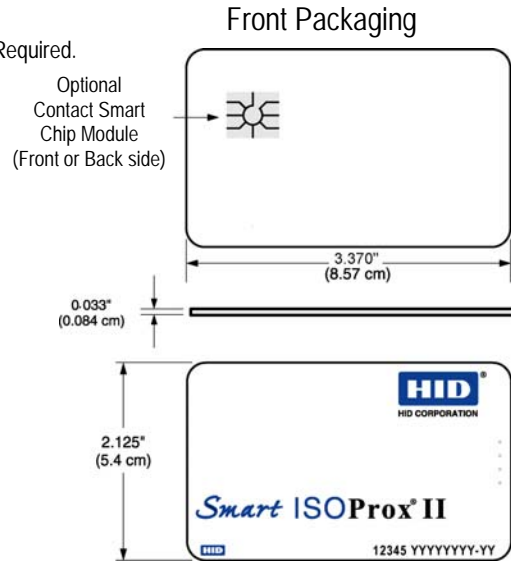
¹ For new artwork files, contact Customer Service for custom artwork number, lead-times and cost.

² Cards ordered with plain white front and back packaging, with no HID artwork or with 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.

³ The external card number is placed in the bottom right-hand corner on the back of the card.

⁴ For Laser Engraved external numbers, consult factory for lead times and cost.

⁵ Cards are provided with an optional vertical slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.



12345 = Card ID Number YYYYYYYY-YY = Sales Order Number
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1398 - Smart DuoProx® II Card Ordering Form

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

* 1398 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC with Gloss Finish
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹

* Back Packaging (Check One)

- G - Plain White PVC with Gloss Finish²
- S - Standard Smart DuoProx II Artwork²
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number^{1,2}

* Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

* Slot Punch⁵ (Check One)

- N - No Slot Punch (Printed location of vertical slot punch will remain)
- V - Vertical Slot Punch

Optional Custom Artwork¹

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

Please enter your final card options from check boxes above. Example: 1398LGGMN

* Final Part Number	1398						-	(Optional Artwork #)
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* 125 kHz Card Programming Information

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: _____

For Contact Smart Chip selection, please refer to the "Contact Smart Card Request For Quotation" on page 14 of this document. Standard configuration does not include a contact smart chip module.

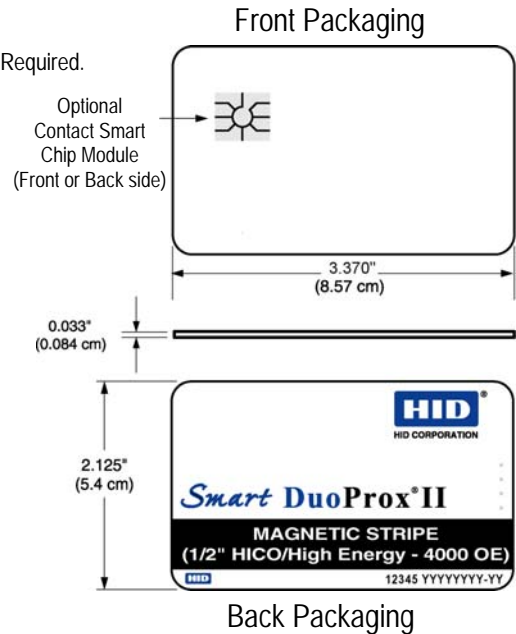
¹ For new artwork files, contact Customer Service for custom artwork number, lead-times and cost.

² Cards ordered with plain white front and back packaging, with no HID artwork or with 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.

³ The external card number is placed in the bottom right-hand corner on the back of the card.

⁴ For Laser Engraved external numbers, consult factory for lead times and cost.

⁵ Cards are provided with an optional vertical slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.



12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number



SMARTS™ Program (Secure Multi-Access Ready-to-Ship) Card Ordering Form

HID 125 kHz Proximity Card with an embedded Contact Smart Chip Module - For quantities between 10 – 999 only
Please ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Part Number Worksheet

(* = Required Fields)

*** Card Body (Check One)**

- 1397 - Smart ISOProx II (without Magnetic Stripe)
- 1398 - Smart DuoProx II (with Magnetic Stripe)

*** Programming (Check One)**

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

*** Front Packaging**

- C - Embedded Contact Smart Chip Module - Plain White PVC with Gloss Finish

*** Back Packaging**

- C - Plain White PVC with Gloss Finish

*** Card Numbering³ (Check One)**

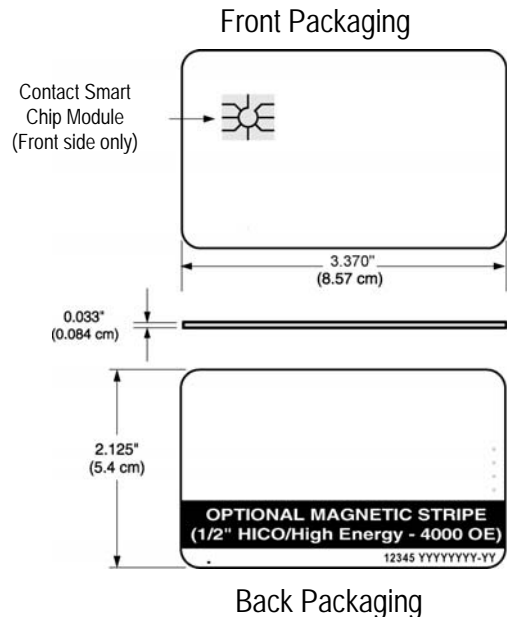
- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

*** Slot Punch⁵ (Check One)**

- N - No Slot Punch (Printed location of vertical slot punch will remain)
- V - Vertical Slot Punch

*** Contact Smart Chip Module (Check One)**

- 1601H1 - Axalto Cryptoflex 32KB
- 1601Y1 - Axalto Cyberflex Access 64KB Java
- 1601M1 - Giesecke and Devrient (G&D) StarCOS 2.4SPK 32KB
- 1601N1 - Giesecke and Devrient (G&D) Sm@rtCafe 32KB Java
- 1601O1 - Gemplus MPEMV-32Kbit (4KB) with MPCOS Operating System
- 1601P1 - Gemplus GPK16000 (16KB) with GemSafe Mapping
- 1601Q1 - Gemplus GemXpresso 64KB Java
- 1601S1 - Datakey 330 with 32KB



12345 = Card ID Number
YYYYYYY-YY = Sales Order Number

Please enter your final card options from check boxes above. Example: 1397LCCMN-1601H1

* Final Part Number			C	C			-	(Contact Smart Chip Module)
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*** 125 kHz Card Programming Information**

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: _____

¹ Contact Customer Service for lead-times and cost.
² Cards will have a slot punch target printed on the back of the card. Gemplus contact smart chip module cards will have a small "Bull" logo printed in the upper left corner.
³ The external card number is placed in the bottom right-hand corner on the back of the card.
⁴ For Laser Engraved external numbers, consult factory for lead times and cost.
⁵ Cards are provided with an optional vertical slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.



Standard Contact Smart Chip Module Card Ordering Form

HID 125 kHz Proximity Card with an embedded Contact Smart Chip Module – For quantities over 1000
Please ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Part Number Worksheet

(* = Required Fields)

* Card Body (Check One)

- 1397 - Smart ISOProx II (without Magnetic Stripe)
- 1398 - Smart DuoProx II (with Magnetic Stripe)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC with Gloss Finish
- C - Embedded Contact Smart Chip Module, and/or Custom Artwork¹

* Back Packaging (Check One)

- G - Plain White PVC with Gloss Finish²
- S - Standard HID Artwork²
- C - Embedded Contact Smart Chip Module, and/or Custom Artwork^{1, 2}

* Card Numbering³ (Check One)

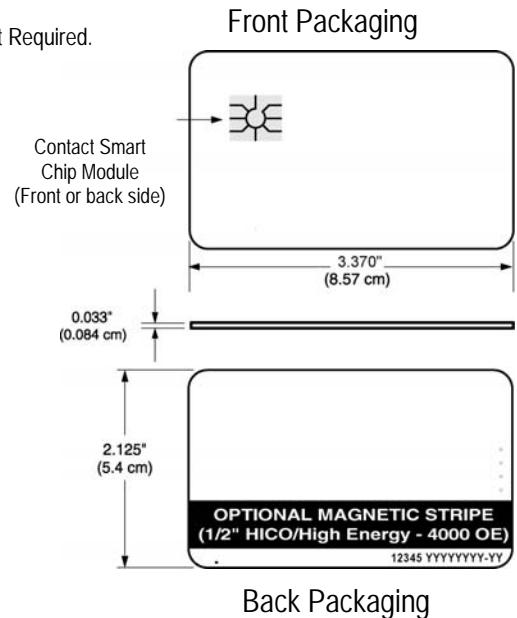
- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

* Slot Punch⁵ (Check One)

- N - No Slot Punch (Printed location of vertical slot punch will remain)
- V - Vertical Slot Punch

* Contact Smart Chip Module (Check One)

- 1601H - Axalto Cryptoflex 32KB
- 1601Y - Axalto Cyberflex Access 64KB Java
- 1601J - Giesecke and Devrient (G&D) SLE 4442 (256 Bytes memory)
- 1601M - Giesecke and Devrient (G&D) StarCOS 2.4SPK 32KB
- 1601N - Giesecke and Devrient (G&D) Sm@rtCafe 32KB Java
- 1601O - Gemplus MPEMV-32Kbit (4KB) with MPCOS Operating System
- 1601P - Gemplus GPK16000 (16KB) with GemSafe Mapping
- 1601Q - Gemplus GemXpresso 64KB Java
- 1601S - Datakey 330 with 32KB



12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Please enter your final card options from check boxes above. Example: 1398LCGMN-1601M

* Final Part Number								-	(Contact Smart Chip Module)
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* 125 kHz Card Programming Information

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: _____

¹ Contact Customer Service for lead-times and cost.
² Cards will have a slot punch target printed on the back of the card. Gemplus contact smart chip module cards will have a small "Bull" logo printed in the upper left corner.
³ The external card number is placed in the bottom right-hand corner on the back of the card.
⁴ For Laser Engraved external numbers, consult factory for lead times and cost.
⁵ Cards are provided with an optional vertical slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.



1430 / 1440 - HID MIFARE® Card Ordering Form

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

* 1430 (1K) Base Model * 1440 (4K) Base Model Part Number Worksheet (* = Required Fields)

* Programming (Check One)

- M - Programmed, (13.56 MHz with HID Format)^{4, 6}. Specify Programming Information.
- N - Non-Programmed (13.56 MHz without HID Format)⁶. Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC with Gloss Finish
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹
- E - Contact Module Embeddable Plain Gloss White Finish

* Back Packaging (Check One)

- G - Plain White PVC with Gloss Finish²
- S - Standard HID MIFARE Artwork²
- 1 - Plain White PVC with Gloss Finish with Magnetic Stripe²
- 2 - Standard HID MIFARE Artwork with Magnetic Stripe
- C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number^{1, 2}
- 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number^{1, 2}

* Card Numbering³ (Check One)

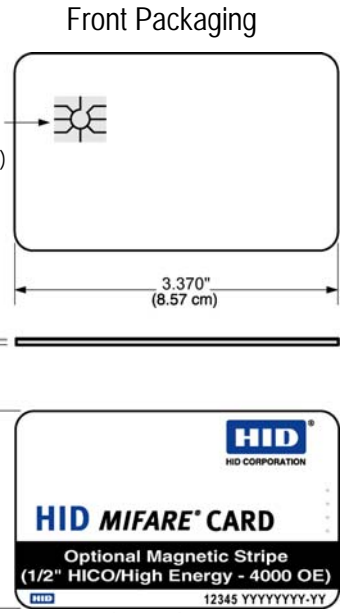
- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Laser Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Laser Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Laser Engraved)⁴

* Slot Punch⁵ (Check One)

- N - No Slot Punch (*Printed location of vertical slot punch will remain*)
- V - Vertical Slot Punch

Optional Custom Artwork¹

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



12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number

Please enter your final card options from check boxes above. Example: 1430NGGN

* Final Part Number _____ - _____ (Optional Artwork #)

* 125 kHz Card Programming Information

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: _____

For Contact Smart Chip selection, please refer to the "Contact Smart Card Request For Quotation" on page 14 of this document. Standard configuration does not include a contact smart chip module.

¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost. ² Cards ordered with plain white front and back packaging, with no HID artwork or with 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. ³ The external card number is placed in the bottom right-hand corner on the back of the card on Proximity Format Programming only. Permanent Unique MIFARE 32 Bit serial # cannot be printed on cards. ⁴ For Laser Engraved external numbers, consult factory for lead times and cost. ⁵ Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering. ⁶ Includes a permanent Unique MIFARE 32 Bit Serial number.



1431 / 1441 - HID Proximity & MIFARE® Card Ordering Form

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

* 1431 (1K) Base Model * 1441 (4K) Base Model Part Number Worksheet (* = Required Fields)

* Programming (Check One)

- L - Programmed, (125 kHz only with HID Format)⁶. Specify Programming Information.
- M - Programmed, (13.56 MHz only with HID Format)^{4, 6}. Specify Programming Information.
- B - Programmed, (125kHz and 13.56 MHz with HID Format)^{4, 6}. Specify Programming Information.
- N - Non-Programmed (125 kHz & 13.56 MHz without HID Format)⁶. Programming Information Not Required.

* Front Packaging (Check One)

- G - Plain White PVC with Gloss Finish
- C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number¹
- E - Contact Module Embeddable Plain Gloss White Finish

* Back Packaging (Check One)

- G - Plain White PVC with Gloss Finish²
- S - Standard HID Proximity & MIFARE Artwork²
- 1 - Plain White PVC with Gloss Finish with Magnetic Stripe²
- 2 - Standard HID MIFARE Artwork with Magnetic Stripe
- 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number^{1, 2}
- C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number^{1, 2}

* 125 kHz Proximity Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

* Slot Punch⁵ (Check One)

- N - No Slot Punch (Printed location of vertical slot punch will remain)
- V - Vertical Slot Punch

* 13.56 MIFARE Card Numbering³ (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)
- A - Sequential Matching Internal/External (Engraved)⁴
- B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- C - Random Internal/Non-Matching Sequential External (Engraved)⁴

Optional Custom Artwork¹

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

Please enter your final card options from check boxes above. Example: 1441NGGNNN

* Final Part Number								-	(Optional Artwork #)
---------------------	--	--	--	--	--	--	--	---	----------------------

* 125 kHz Programming Information

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: _____

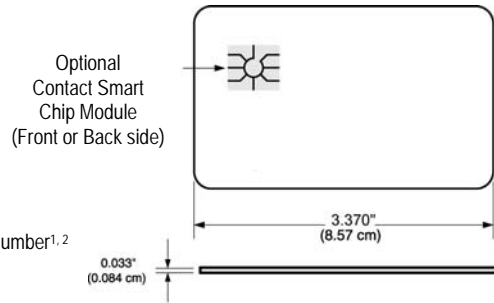
* 13.56 MHz Programming Information

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: _____

For Contact Smart Chip selection, please refer to the "Contact Smart Card Request For Quotation" on page 14 of this document. Standard configuration does not include a contact smart chip module.

¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost. ² Cards ordered with plain white front and back packaging, with no HID artwork or with 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. ³ The external card number is placed in the bottom left-hand corner (125kHz) and in the bottom right-hand corner (13.56 MHz) on the back of the card on Proximity Programming only. Permanent unique MIFARE 32 Bit serial # cannot be printed on cards. ⁴ For Laser Engraved external numbers, consult factory for lead times and cost. ⁵ Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering. ⁶ Includes a permanent Unique MIFARE 32 Bit Serial number.

Front Packaging



Back Packaging



12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

[Click Here to Fill Out this Form Electronically](#)



Contact Smart Card Request For Quotation

Customer and Channel Information	Sales Person: <input style="width: 100%;" type="text"/>	Date: <input style="width: 100%;" type="text"/>	
		(mm,dd,yr)	
Customer: <input style="width: 100%;" type="text"/>	Location: <input style="width: 100%;" type="text"/>	Direct HID Customer: Yes <input type="checkbox"/> No <input type="checkbox"/>	
	<small>(City, State, Country)</small>		
Contact: <input style="width: 100%;" type="text"/>	Telephone #: <input style="width: 100%;" type="text"/>	Email: <input style="width: 100%;" type="text"/>	
Customer Type: <input type="checkbox"/> OEM <input type="checkbox"/> Integrator <input type="checkbox"/> Dealer <input type="checkbox"/> VAR <input type="checkbox"/> Apps. Provider <input type="checkbox"/> End User <input type="checkbox"/> Other:	<input style="width: 100%;" type="text"/>		
Distribution Channel:	<input style="width: 100%;" type="text"/>		

End User: <input style="width: 100%;" type="text"/>	Location: <input style="width: 100%;" type="text"/>		
	<small>(City, State, Country)</small>		
Contact: <input style="width: 100%;" type="text"/>	Telephone #: <input style="width: 100%;" type="text"/>	Email: <input style="width: 100%;" type="text"/>	
Does HID have permission to contact the Customer and/or End User directly: Customer: <input type="checkbox"/> Yes <input type="checkbox"/> No End User: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Is the End User currently an HID Customer: <input type="checkbox"/> Yes <input type="checkbox"/> No			
What technology/technologies do they currently use:			
<input type="checkbox"/> HID Proximity <input type="checkbox"/> iCLASS™ <input type="checkbox"/> Wiegand <input type="checkbox"/> Mag. Stripe <input type="checkbox"/> Barium Ferrite <input type="checkbox"/> MIFARE® <input type="checkbox"/> Other: <input style="width: 100%;" type="text"/>			
What format do they use: <input type="checkbox"/> Corporate 1000 <input type="checkbox"/> Standard 26 Bit <input type="checkbox"/> Standard 37 Bit <input type="checkbox"/> OEM Proprietary <input type="checkbox"/> Other: <input style="width: 100%;" type="text"/>			
Quantity: <input style="width: 100%;" type="text"/>	Requested Delivery Date: <input style="width: 100%;" type="text"/>		

Card Options

Base Card Type: 1397 Smart ISOProx II 1398 Smart DuoProx II
 1430 HID MIFARE (1K) 1440 HID MIFARE (4K) 1431 Proximity and MIFARE (1K) 1441 Proximity and MIFARE (4K)

Programming: Programmed 125 kHz Proximity Non-Programmed 125 kHz Proximity

Front Packaging: Plain White Gloss Std. HID Artwork Custom Artwork If Custom Artwork, # Colors:

Back Packaging: Plain White Gloss Std. HID Artwork Custom Artwork If Custom Artwork, # Colors:

Card Numbering Options:

<input type="checkbox"/> M - Sequential Matching Internal/External (Inkjetted)	<input type="checkbox"/> A - Sequential Matching Internal/External (Engraved):
<input type="checkbox"/> N - No External Card Numbering	<input type="checkbox"/> B - Sequential Internal/Sequential Non-Matching External (Engraved)
<input type="checkbox"/> S - Sequential Internal/Sequential Non-Matching External (Inkjetted)	<input type="checkbox"/> C - Random Internal/Non-Matching Sequential External (Engraved)
<input type="checkbox"/> R - Random Internal/Non-Matching Sequential External (Inkjetted)	

Slot Punch Options:

Vertical Slot Punch Required Yes No

Optional Magnetic Stripe:

Mag. Stripe: <input type="checkbox"/> Yes <input type="checkbox"/> No	Location: <input type="checkbox"/> Front <input type="checkbox"/> Back	# Tracks: <input style="width: 100%;" type="text"/>	Oersted: <input style="width: 100%;" type="text"/>	Type: <input style="width: 100%;" type="text"/>
<small>(Primary)</small>		<small>(1, 2, 3)</small>	<small>(2750, 4000, ..)</small>	<small>(HID Standard, Debitex, E-Mag,....etc)</small>
Mag. Stripe: <input type="checkbox"/> Yes <input type="checkbox"/> No	Location: <input type="checkbox"/> Front <input type="checkbox"/> Back	# Tracks: <input style="width: 100%;" type="text"/>	Oersted: <input style="width: 100%;" type="text"/>	Type: <input style="width: 100%;" type="text"/>
<small>(Secondary)</small>		<small>(1, 2, 3)</small>	<small>(2750, 4000, ..)</small>	<small>(HID Standard, Debitex, E-Mag,....etc)</small>

Custom Artwork: Custom Laminated by HID Surface Printing by HID HID Card Personalization Service

Artwork printed by Customer: Dye Sublimation/Thermal Image UV Waterless Ink Process

If using a printing process other than Dye Sublimation/Thermal Image Transfer, be sure to run samples and test for proper adhesion prior to the production print run.

Do you need to print photos/barcode on the card after the base artwork is printed: Yes No

Do you need a clear overlay to keep the ink from previously printed artwork from bleeding when the photo/barcode is printed: Yes No

An overlay is required, this will increase the card thickness by .002" to .004". This may result in the card thickness exceeding the ISO 7816/ISO 7810 standard.

An increase in card thickness may prevent the card from fitting in a contact smart card reader.

HID does not recommend placing custom graphics on either side of the Contact Smart Chip area.



Proximity and/or MIFARE Programming

125 kHz Proximity Programming:

Bit Format: Facility Code Number: Card Start Number:
 Corporate 1000 Format: Inkjet Card Number: Yes No Laser Engraved Card Number: Yes No

MIFARE Programming:

Standard MIFARE 13.56 MHz modules come from the manufacturer with a permanent unique 32-bit serial number burned into the memory. This number is not available to be marked on the back of the card. This number is determined by reading each individual card.

Custom format programmed by HID into MIFARE memory: Yes No Facility Code: Bit Format:
 Corporate 1000: Yes No Inkjet Card Number: Yes No Laser Engraved Card Number: Yes No

Contact Smart Chip Module Information

Applications Contact Smart Chip Module is to be Used for:

E-Purse/Cashless Vending Secure Log On Loyalty Transportation Personal/Employee Info.
 Medical Records Physical Access Control Biometrics PKI (Public Key Infrastructure) Other:
 Application Providers:

Smart Chip Module Provider:

Schlumberger Gemplus Oberthur Datakey G & D
 Other: Undecided
 If undecided define contact module type: Processor Module Processor with Cryptographic Coprocessor Memory Module

Contact Smart Chip Module Model:

If the Customer has decided on the contact module manufacturer and model please list:
 Typical Options: 1. Schlumberger: Cyberflex, Cryptoflex, Payflex 2. Gemplus: MPCOS-EMV, GPK, GemXpresso
 3. Oberthur: AuthentIC, GalactiC, 4. Datakey: 330, 330J 5. G & D: Starcos 2.1, 2.3, 2.4 SPK, Smartcafe 6. etc...

Memory Size:

1K 2K 4K 8K 16K 32K 64K Bits Bytes Note: Eight (8) Bits in One (1) Byte

Operating System and File Structure: (Unless specified the current available version of the O/S chosen will be supplied)

Suppliers Standard JAVA Other: Undecided

Desired Module Location:

Front of Card Back of Card

Desired Communication Protocol:

T=0 T=1 I²C Other: Undecided Unknown

Note: Module Communication Protocol must be the same as that of contact reader chosen.

Comments:

If you have concerns regarding any issues, please contact Dovell Bonnett at HID Irvine, CA for information .
 Direct Phone Line (949) 598-1675 Email: DBonnett@HIDcorp.com



1351 - ProxPass® Vehicle Identification Tag Ordering Form

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

* 1351 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming

L - Programmed, Low Frequency (125 kHz). Specify Programming Information.

* Color

B - Standard beige finish

* Back Packaging

S - Standard HID logo

* Tag Numbering (Check One)

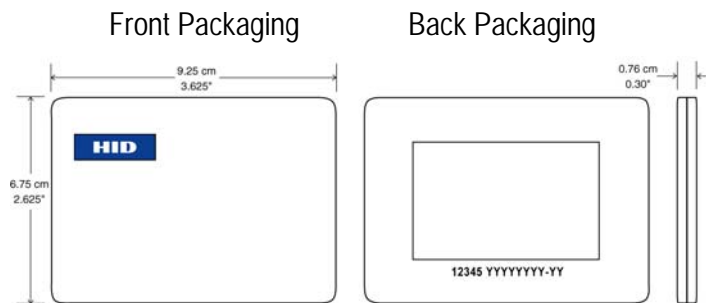
- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Card Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)

* Hardware Option

N - None

Please enter your final Tag options from check boxes above. Example: 1351LBSMN

* Final Part Number	1351	L	B	S		N	-	(Optional Artwork #)
---------------------	------	---	---	---	--	---	---	----------------------



12345 = Tag ID Number
 YYYYYYYY-YY = Sales Order Number

* 125 kHz Tag Programming Information

Bit Numbers _____ (example: 26 bit) Format Number _____ (example: H10301)

Facility Code _____

(Custom Formats) Site Code _____ City Code _____ OEM Code _____

Internal Tag No. Start _____ Stop _____

External Tag No. Start _____ Stop _____

Special Instructions: _____

The ProxPass tag includes non-replaceable internal batteries and Velcro strips for a complete and simple installation.



1390 - eProx™ Tag Embedded Proximity Ordering Form

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

* 1390 Base Model **Part Number Worksheet** (* = Required Fields)

*** Programming (Check One)**

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

*** Front Packaging**

- N - None

*** Back Packaging**

- N - None

*** Tag Numbering**

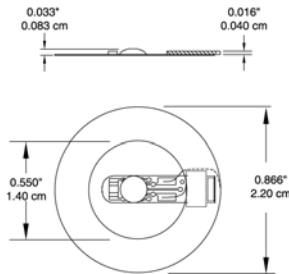
- N - No External Tag Numbering

*** Hardware Option**

- N - None

Please enter your final Tag options from check boxes above. Example: 1390NNNNN

* Final Part Number	1390		N	N	N	N
---------------------	------	--	---	---	---	---



*** 125 kHz Tag Programming Information**

Bit Numbers _____ (example: 26 bit) Format Number _____ (example: H10301)

Facility Code _____

(Custom Formats) Site Code _____ City Code _____ OEM Code _____

Internal Tag No. Start _____ Stop _____

External Tag No. Start _____ Stop _____

Special Instructions: _____



1391 - MicroProx® Tag Proximity Ordering Form

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

* 1391 Base Model **Part Number Worksheet** (* = Required Fields)

* Programming (Check One)

- L - Programmed, Low Frequency (125 kHz). Specify Programming Information.
- N - Non-Programmed, Low Frequency (125 kHz). Programming Information Not Required.

* Front Packaging (Check One)

- S - Gray with HID Standard Artwork
- K - Black with HID Standard Artwork
- B - Plain Black Finish, (No Artwork)
- G - Plain Gray Finish, (No Artwork)
- C - Custom Artwork – Specify Custom Artwork Number¹

* Back Packaging³

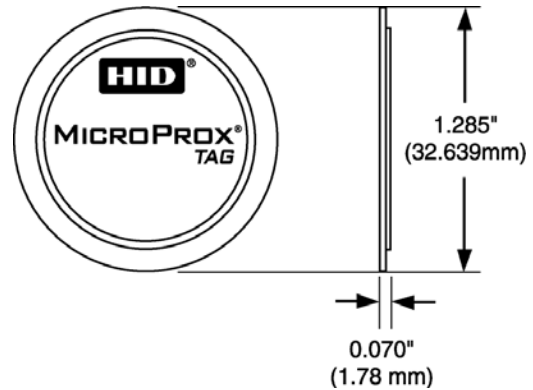
- S - Adhesive Backing

* Tag Numbering² (Check One)

- M - Sequential Matching Internal/External (Inkjetted)
- N - No External Tag Numbering
- S - Sequential Internal/Sequential Non-Matching External (Inkjetted)
- R - Random Internal/Non-Matching Sequential External (Inkjetted)

* Slot Punch

- N - None



Optional Custom Artwork¹

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

Please enter your final Tag options from check boxes above. Example: 1391LKSMN

* Final Part Number	1391			S		N	-	(Optional Artwork #)
---------------------	------	--	--	---	--	---	---	----------------------

* 125 kHz Tag Programming Information

Bit Numbers _____ (example: 26 bit) Format Number _____ (example: H10301)

Facility Code _____

(Custom Formats) Site Code _____ City Code _____ OEM Code _____

Internal Tag No. Start _____ Stop _____

External Tag No. Start _____ Stop _____

Special Instructions: _____

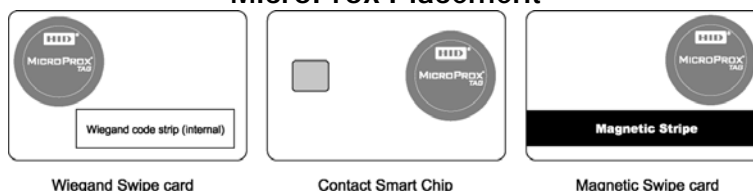
¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, minimum order quantities, and cost.

² The external tag number is placed on the back of the tag.

³ The MicroProx Tag is not for use on cards that use full insertion or tractor feed type readers.

Do not adhere to metal surfaces. Metal shields the RF, making the tag inoperable. Due to variations in cards and reading devices, HID does not claim that the MicroProx Tag will work in every situation. Functional and non-functional MicroProx Tags are available for compatibility testing with existing credential and reader technologies. Compatibility should be confirmed prior to ordering.

MicroProx Placement





Style 168/169 - ProxCard® Plus Card Ordering Form

Instructions

1. Select one option from each category (1-5) and mark the appropriate box.
2. Complete the Programming Information and Company Information Sections.
3. Fax the completed Ordering Guide to HID's North Haven, CT, office at 1-203-407-5967, Attn.: Customer Service.
4. HID Corporation will determine the correct part number based on the options you specify, and fax you the part number and specification sheet.
5. Place an order for the ProxCard Plus card with the part number provided by HID. *Place all orders for ProxCard Plus cards with HID's North Haven, CT office, 1-800-243-2563.*

Card Thickness: 0.047" ± 0.004" - Check with your printer manufacturer to verify card printability
 - Mag Stripe applications: Verify reader slot width.

Style 168 card = Non-printable surface, Matte Finish

Style 169 card = Printable surface, Gloss Finish

1. Card Front

- ProxCard Plus Artwork
 Plain White¹
 Custom Artwork (500 Min.)

5. Slot Punch³

- No Slot Punch (Printed halo of horizontal slot punch will remain)
 Horizontal Slot Punch⁴

2. Card Back

- Plain White
 Custom Artwork (500 Min.)

6. Card Style (Wiegand Code Strip Location)

- A (If unsure, or card is to be used in a mixed reader environment, please contact the factory)
 A1

3. Card Finish

- Matte Finish Gloss Finish

NOTE: Cards are manufactured with similar front and back side finishes only, (i.e. Matte/Matte or Gloss/Gloss)

Notes:

Please call customer service for availability, minimum order requirements, and a quote for custom cards.

¹ Cards ordered with plain white front and back packaging, with no HID artwork or custom artwork, will have a small "HID" printed in the lower right-hand corner and a horizontal slot punch halo target printed on the back of the card.

² The external card number is ink jet printed in the lower left-hand corner on the back of the card. Zero gap numbering is not available. The external PIN numbers will be associated with the Wiegand programming unless otherwise specified.

³ Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to printing.

⁴ Consult customer service for vertical slot punch.

4. High Coercivity Magnetic Stripe

- Front Back None

Programming Information (Wiegand):

Facility Code: "A" Field _____

"B" Field _____
 (if required)

Bit Format: _____

Internal PIN Start No: _____

External Card Numbering²: _____

Front Back

Matching PIN

Non-Matching Sequential Start No.: _____

Non-Matching Start No. (Random): _____

None

Programming Information (Proximity):

(If different than Wiegand Programming Info)

Facility Code: "A" Field _____

"B" Field _____
 (if required)

Bit Format: _____

Internal PIN Start No: _____

Total Qty.: _____ (100 Min.)

Company Information:

Company Name: _____

Contact: _____

Address: _____

City: _____

State: _____

Zip Code: _____

Phone: _____

Fax: _____

For Internal Use Only (To be Completed by HID):

ProxCard Plus Part Number:

Part No.: 1 6 8 _____ or 1 6 9 _____

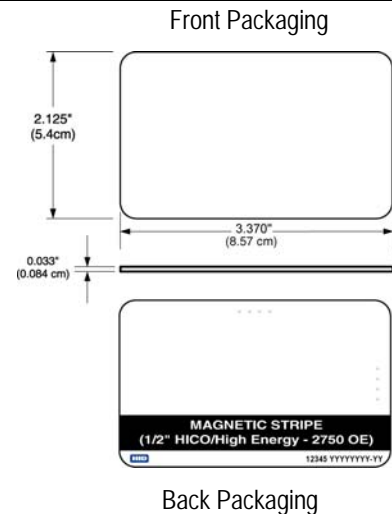
Issued By: _____ Date: _____

Magnetic Stripe Cards Ordering Form

Supplied Magnetic Cards:

Card Bundles:

- 3114-2295² White Graphics Quality PVC Magnetic Stripe Card with Corp 1000 Program, EMPI Encoding & Card Numbering, Box of 50.
- 3114-2296 White Graphics Quality PVC Magnetic Stripe Card with Corp 1000 Program, EMPI Encoding & Card Numbering, Box of 250.
- 3114-2297² White Graphics Quality PVC Magnetic Stripe Card with ABA Encoding & Card Numbering, Box of 50.
- 3114-2298 White Graphics Quality PVC Magnetic Stripe Card with ABA Encoding & Card Numbering, Box of 250.



Single Cards:

- 3114-0144 Honeywell Printed PVC Magnetic Stripe Card with EMPI Encoding & Card Numbering.
- 3114-0151 Simplex Printed PVC Magnetic Stripe Card with EMPI Encoding & Card Numbering.

12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Non-Encoded Cards:

- 3114-0157 White Graphics Quality PVC Card, with a Non-Encoded magnetic stripe, and no external number.
- 1100-0158 White Graphics Quality Blended Magnetic Stripe card, with a Non-Encoded magnetic stripe, & no external #
- 1100-0160 White Graphics Quality blank PVC Photo Identification Card, no magnetic stripe.

Customer Supplied Magnetic Cards:

Optional Services:

- 3114-3000 Handling Charge, Customer Card Encoding, per card. Use with 2310-0032 Encoding Service.
- 2310-0034 Slot punch (per card) - must specify location - customer supplied cards.

Check one:

- 2310-0032² EMPI Encoding Fee (per card) - customer supplied cards.
- 2310-0033² ABA/ISO Encoding (per card) - customer supplied cards.

Check one:

- 2310-0035 Laser Engraved Number (per card).
- 2310-0037 Inkjet Number (per card).

Encoding Information

	EMPI			ABA		
Track to be encoded (Check one)	<input type="checkbox"/> Track 1	<input type="checkbox"/> Track 2	<input type="checkbox"/> Track 3	<input type="checkbox"/> Track 1	<input type="checkbox"/> Track 2	<input type="checkbox"/> Track 3
Site Code Number (Job Code)						
Start Number	N/A					
Quantity						

Card Reader to be used with above cards	
Data Format (If not using an HID Reader)	

¹ HID will encode 10 digit Data Configuration on all HID Magnetic Stripe cards ordered for use with the HID Magnetic Stripe readers unless instructed otherwise. For all other Non-HID Readers, please specify Data Configuration. ² Will be discontinued effective February 1st, 2005.



HID Corporation Direct Image PVC Glossy label Part Numbers

Part #	Description	Thickness	Dimensions
1324GAV11	ProxCard II size with slot punch, white adhesive back	10 mil PVC	3.310" x 2.060"
1324GAN11	ProxCard II size, no slot punch, white adhesive back	10 mil PVC	3.310" x 2.060"
1324GAV21	ProxCard II size with slot punch, white adhesive back	20 mil PVC	3.310" x 2.060"
1324GAN21	ProxCard II size, no slot punch, white adhesive back	20 mil PVC	3.310" x 2.060"
1324GGV31	ProxCard II size with slot punch, no adhesive	30 mil PVC	3.310" x 2.060"
1324GGN31	ProxCard II size, no slot punch, no adhesive	30 mil PVC	3.310" x 2.060"
1324GBV22	ISOProx II and ProxCard II size with slot punch, brown (3M) adhesive back	20 mil PVC	3.370" x 2.125"
1324GBN22	ISOProx II and ProxCard II size, no slot punch, brown (3M) adhesive back	20 mil PVC	3.370" x 2.125"
1324GAV22	ISOProx II and ProxCard II size, with slot punch, white adhesive back	20 mil PVC	3.370" x 2.125"
1324GAN22	ISOProx II and ProxCard II size, no slot punch, white adhesive back	20 mil PVC	3.370" x 2.125"
1324CAN10	Clear guard protection label for use with all direct image cards		

1. Some dye sublimation printers cannot accommodate pre-slot punched labels; please consult with the printer manufacturer prior to ordering.
2. Labels are packaged in multiples of 100 pieces. Minimum order quantity is 100 pieces. Orders will be accepted in multiples of 100 pieces per label Model.
3. Please make sure to adjust your dye sublimation printer setting to the proper PVC label thickness and dimension.



Custom Artwork Checklist Form

Company Name:		PO No.		Date	
Quantity:		Card/Tag and Artwork File No.			

Minimum order quantity for Custom Artwork is 500 cards per order. Some Custom Artworks may be higher.



This form, accompanied with the "Custom Artwork placement and Inkjet Location Form" MUST be filled out, SIGNED and returned to HID so that your order can be processed.

Card Type:

- 1326 - ProxCard® II
 1386 - ISOProx® II
 1336 - DuoProx® II
 1391 - MicroProx Tag
 1430 - HID MIFARE® (1K)
 1440 - HID MIFARE® (4K)
 1431 - HID Proximity & MIFARE (1K)
 1441 - HID Proximity & MIFARE (4K)
 1397 - Smart ISOProx® II
 1398 - Smart DuoProx® II

Artwork Placement, Font styles and Colors:

- Artwork Placement on Front Side of card.
 Artwork Placement on Back Side of card.
 Font Style(s): _____
 Front Side Color(s): _____
 Back Side Color(s): _____

Do you plan to print over or around the custom artwork with a dye sublimation printer? Yes No

Card Options:

- Slot Punch^{2,5}: Yes No Horizontal Vertical
 Signature Panel: Yes No Size: _____
 Front Card Finish: Gloss
 Back Card Finish: Gloss
 Magnetic Stripe Coercivity: HID Standard (4000 OE) (2750 OE)
 Magnetic Stripe Type: Standard 3 Track Debitek 1/8" Other: _____

Anti-Counterfeiting Options:

- Invisible Ink: Red Yellow Blue Green Glow in the Dark
 Microfine Print: Yes No
 Hologram⁷: Surface Embedded

Notes:

1. Metallic colors (800 series) not recommended on PVC cards. Halftones not recommended for ProxCard II cards.
2. ProxCard II card is only available with a vertical slot punch. Some cards will have printed "indicators" on the back of the card to show both the vertical and horizontal slot punch locations.
3. Magnetic Stripe available for DuoProx II, Smart DuoProx II, HID MIFARE, and HID Proximity & MIFARE Cards.
4. Some cards will have a small "HID logo" and reference number, custom artwork file number, and external number (optional) printed on the card.
5. Do not order slot punched cards for use in dye sublimation printers. Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
6. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.
7. Surface Holograms cannot be placed over internal electronics.
8. **"Representation, Warranty and Indemnity."** Customer represents and warrants to HID that it owns, controls, or otherwise has the full and unrestricted right to use the custom artwork provided to HID for use in connection with this Custom Artwork Checklist Form (the "Custom Artwork") and to authorize and license HID to use and apply the Custom Artwork to the cards in the manner provided in this Custom Artwork Checklist Form. Customer agrees to indemnify HID and hold it harmless from and against any claims, liabilities, losses and/or expenses (including reasonable attorney fees and costs of suit) arising out of the use by HID of the Custom Artwork in the manner provided by this Custom Artwork Checklist Form or by any custom artwork proofs approved by the Customer."
9. HID does not recommend placing custom graphics on either side of the Contact Smart Chip area.

Name: _____ Signature: _____ Date: _____



Electronic Artwork Requirement Checklist File Submission & Preparation

This document gives digital artwork specifications from our press department. Use these guidelines and your project should go smoothly through the pre-press department.

MEDIA:

Please submit files on CD or ZIP. Compressed files should be self extracting. Submitted media will not be returned to the customer.

PLATFORM: MS WINDOWS®/Macintosh®

Projects that are set up in any of the major applications (listed below under "Graphic Applications") generally translate to Macintosh® smoothly. **Please save your final file with pictures embedded, outlined fonts and EPS Vector editable file.**

FONTS:

Use Type 1 fonts and include screen and printer fonts on disk. Type may be converted to paths or outlines, but we cannot make copy changes to text submitted in this form. In addition, converted type loses the benefits of PostScript font definitions; hence, type quality may suffer. This is more noticeable in small type (-18 point).

PLACED GRAPHICS:

All placed graphics, saved as TIFF or EPS, should be included in their native program. If a Photoshop image is placed in a Quark document, we need the Photoshop image to produce the job. Sizing, cropping, rotation, etc. should all be done to the element in its native program and placed in Quark. Color images should be converted from RGB to CMYK. Special colors should be designated using PMS or provide color sample to be matched. Resolution of color images, B&W halftones, or duotones should be 300 dpi.

GRAPHIC APPLICATIONS (latest version):

Adobe Photoshop® - Adobe Illustrator® - Adobe PageMaker® - Macromedia Freehand® - QuarkXpress®

BITMAPS AND TRACING:

Scanned line art converted to bitmaps should have a resolution of 1200 - 2400 dpi. Lower resolutions will result in jagged curves. Many programs can convert (trace) bitmaps to vector drawings. Smoothing a traced image can be time consuming, but once completed yields a resolution independent graphic that will provide crisp reproduction for all future uses. We can provide this service for you at our regular file intervention rate.

BLEEDS:

Please incorporate 0.125" of overwork for all bleed images. Any portion of the image that extends to the edge of the product is considered a bleed.

MARGINS:

Elements that do not bleed should be at least 0.125" from the edge.

REVERSES:

Light colors on a dark field are called reverses. The minimum line thickness for reverses is 1 point. This can be applied to fine serifs on type elements as well.

Anti-Counterfeiting Descriptions

Printing Types

- 1) **Embedded Lithographic Printing:** High resolution (>3600 dpi) offset printing technology yields photographic quality images. Embedded printing places the ink layer under a rigid clear plastic overlay which protects the printed image from abrasion. This is the standard process commonly used for financial transaction cards.
- 2) **Surface Lithographic Printing:** This process is identical to the embedded litho printing, but is applied to the outer surface of the card. This process is often used for quick turnaround of simple text and graphics on card backs. It is not recommended for high use applications, or for printing critical data such as emergency information.

Surface Hologram

Holograms are one of the most recognizable anti-counterfeiting devices on the market. The optically variable image cannot be duplicated with standard printing. Surface holograms are applied via hot stamping to the exterior of the card surface. This style of application is common to all financial transaction cards.

Embedded Hologram

Embedded holograms are positioned under the rigid clear outer layer of the card surface. Unlike surface holograms, embedded holograms are amenable to dye sublimation – allowing the entire card surface to be personalized. This application style furthers the effectiveness of the anti-counterfeiting feature by requiring expensive specialized equipment during manufacture.

Embedded Advantage™ Security Seal

The Advantage™ product is a specialized optically variable device that is manufactured in only one plant worldwide. It has been the OVD of choice for many government identity documents, including many states driver licenses and the INS card. Like the embedded hologram, this device is placed under the rigid clear outer layer and is not subject to surface abrasion and wear. Advantage™ images shift from orange to green at different viewing angles.

Invisible Ultra-Violet (UV) Fluorescing Images

Common on credit card, currency and travel documents, invisible ink images provide a covert anti-counterfeiting mechanism. Though blue/violet fluorescing ink is readily available and inexpensive, red, green, yellow and orange fluorescing pigments remain difficult to acquire. This covert anti-counterfeiting device remains popular because of its relatively easy implementation in the field.

Microfine Printing

Very small spot color printing that exploits the limitations of inkjet, toner based (laser) and dye sublimation printers. Counterfeit reproductions can be determined with a handheld magnification tool.

Guilloche Printing

Fine line interlocking spot color patterns that are extremely difficult to scan and reproduce. These design elements are often multicolor and are commonly used on currency and travel documents.

High Temperature Formulations

HT-Prox formulations are designed for durable applications and for use in dye sublimation printers that employ re-transfer technology and/or polyester laminant patches. HT-Prox cards will minimize the warping caused by such processes. These formulations derive their strength from combining biaxially oriented polyester (OPET) with traditional polyvinyl chloride (PVC).



Custom Artwork Placement and Inkjet Location Form 1326 - ProxCard® II Cards


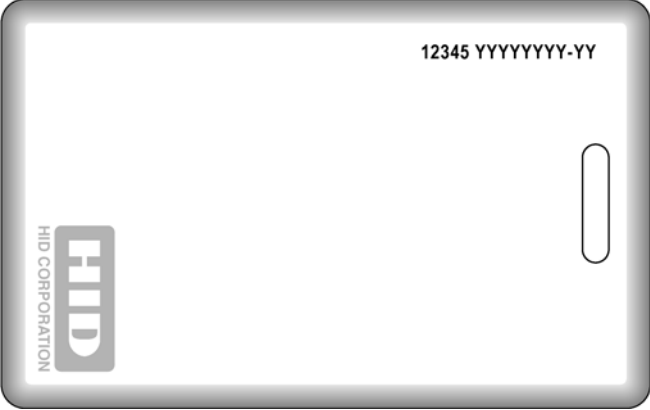
Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

- Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.
- Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

2. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch location and edges by a min. of 0.125"

ProxCard® II Card Artwork Templates

Cover (Front)	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12345 = Card ID Number YYYYYYYY-YY = Sales Order Number </div>	Base (Back)
		

Notes:

1. All Prox Card II cards have a molded HID logo on the back side (as indicated) as well as a beveled edge all the way around the card. Custom artwork graphics need to clear the molded logo and bevel by a minimum of 0.125"
2. External # location reads in the direction as shown. External # character height is approximately 0.1"
3. Please note that there is no custom artwork file number on the Prox Card II.

Name: _____ Signature: _____ Date: _____



Custom Artwork Placement and Inkjet Location Form

1336 - DuoProx® II Cards

Magnetic Stripe Cards

Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

- Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.
- Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

2. An Artwork File Number is placed on each card. The standard location is indicated by the "CCCCC". The standard location for the custom artwork number is on the back side of the card. Please indicate/incorporate the artwork number on the artwork. *If there will be front side printing only, the custom artwork number will be placed on the printed side, opposite the standard location.*

3. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch locations, edges and magnetic stripe by a min. of 0.125".

4. Magnetic Stripe: If the location of the magnetic stripe is custom (other than standard) and/or if other types of magnetic stripes are to be added to the card (i.e. Debitek stripe), indicate the location(s) of the magnetic stripe(s) on the template.

- Standard Location
- Custom Location

DuoProx® II Card & Magnetic Stripe Card Artwork Templates

Slot Punch Indicators

12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Front

Back

Notes:

1. External # location reads in the direction as shown. External # character height is approximately 0.1".
2. Cards will 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.
3. A standard custom artwork file number is printed on the back side of the card. Front side printing of this same number is an option.
4. Slot punch location "indicators" will appear on the back side of the card only.
5. Do not order slot punched cards for use in dye sublimation printers.
Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
6. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.

Name: _____ Signature: _____ Date: _____



Custom Artwork Placement and Inkjet Location Form 1386 - ISOProx® II Cards

Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

- Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.
- Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

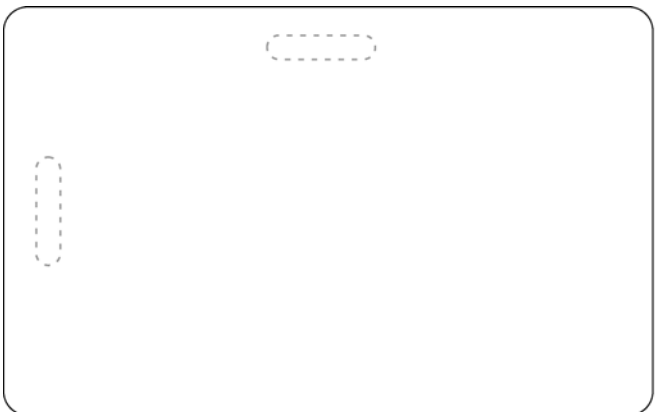
2. An Artwork File Number is placed on each card. The standard location is indicated by the "CCCCC". The standard location for the custom artwork number is on the back side of the card. Please indicate/incorporate the artwork number on the artwork. *If there will be front side printing only, the custom artwork number will be placed on the printed side, opposite the standard location.*

3. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch locations and edges by a min. of 0.125".

ISOProx® II Card Artwork Templates

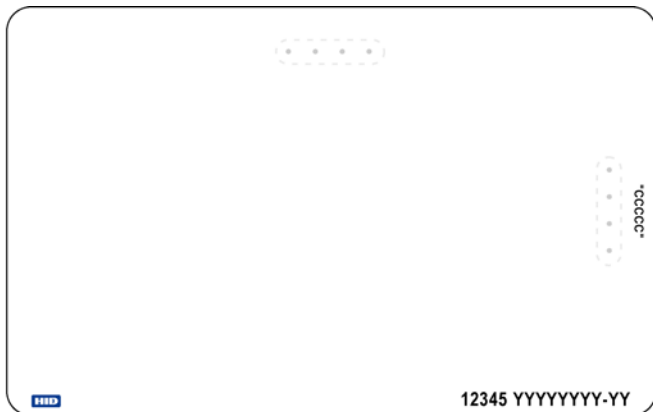
Slot Punch Indicators

Front



12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number

Back



Notes:

1. External # location reads in the direction as shown. External # character height is approximately 0.1".
2. Cards will 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.
3. A standard custom artwork file number is printed on the back side of the card. Front side printing of this same number is an option.
4. Slot punch location "indicators" will appear on the back side of the card only.
5. Do not order slot punched cards for use in dye sublimation printers.
Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
6. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.

Name: _____ Signature: _____ Date: _____



Custom Artwork Placement and Inkjet Location Form

1397 - Smart ISOProx® II

1398 - Smart DuoProx® II Cards

Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

- Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.
- Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

2. An Artwork File Number is placed on each card. The standard location is indicated by the "CCCCC". The standard location for the custom artwork number is on the back side of the card. Please indicate/incorporate the artwork number on the artwork. *If there will be front side printing only, the custom artwork number will be placed on the printed side, opposite the standard location.*

3. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch locations, edges and magnetic stripe by a min. of 0.125".

4. Magnetic Stripe: If the location of the magnetic stripe is custom (other than standard) and/or if other types of magnetic stripes are to be added to the card (i.e. Debitek stripe), indicate the location(s) of the magnetic stripe(s) on the template.

Standard Location Custom Location (Magnetic Stripe is not available on Smart ISOProx II Cards)

Smart ISOProx® II and Smart DuoProx® II Card Artwork Templates

Slot Punch Indicators

Front

12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number

Back

Contact Smart Chip location to be embedded compliant with ISO 7816 on front or back side. HID does not recommend placing custom graphics on either side of the Contact Smart Chip area.

Notes:

1. External # location reads in the direction as shown. External # character height is approximately 0.1".
2. Cards will 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.
3. A standard custom artwork file number is printed on the back side of the card. Front side printing of this same number is an option.
4. Slot punch location "indicators" will appear on the back side of the card only.
5. Do not order slot punched cards for use in dye sublimation printers.
Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
6. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.

Name: _____ Signature: _____ Date: _____



Custom Artwork Placement and Inkjet Location Form

1430 (1K) HID MIFARE® Cards

1440 (4K) HID MIFARE® Cards

Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

- Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.
- Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

2. An Artwork File Number is placed on each card. The standard location is indicated by the "CCCCC". The standard location for the custom artwork number is on the back side of the card. Please indicate/incorporate the artwork number on the artwork. *If there will be front side printing only, the custom artwork number will be placed on the printed side, opposite the standard location.*

3. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch locations, edges and magnetic stripe by a min. of 0.125".

4. Magnetic Stripe (Optional): If the location of the magnetic stripe is custom (other than standard) and/or if other types of magnetic stripes are to be added to the card (i.e. Debitek stripe), indicate the locations of the magnetic stripe(s) on the template.

- Standard Location
- Custom Location

HID MIFARE® Card Artwork Templates

12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number

Front

Back

Contact Smart Chip location to be embedded compliant with ISO 7816 on front or back side.
HID does not recommend placing custom graphics on either side of the Contact Smart Chip area.

Notes:

1. External # location reads in the direction as shown. External # character height is approximately 0.1".
2. Cards will 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.
3. A standard custom artwork file number is printed on the back side of the card. Front side printing of this same number is an option.
4. Slot punch location "indicators" will appear on the back side of the card only.
5. Do not order slot punched cards for use in dye sublimation printers.
Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
6. Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.

Name: _____ Signature: _____ Date: _____



Custom Artwork Placement and Inkjet Location Form

1431 (1K) HID Proximity & MIFARE® Cards

1441 (4K) HID Proximity & MIFARE® Cards

Company Name:		PO No.		Date	
Quantity:		Card and Artwork File No.			

1. External Number:

Standard Location: The standard external # location is shown on the template below. The external # can only be printed on the back of the card. The external # will be printed in the standard location, unless otherwise specified.

Custom Location: Please indicate the desired external # location by writing "12345" on the appropriate template. The external # can only be printed on the back of the card.

2. An Artwork File Number is placed on each card. The standard location is indicated by the "CCCCC". The standard location for the custom artwork number is on the back side of the card. Please indicate/incorporate the artwork number on the artwork. *If there will be front side printing only, the custom artwork number will be placed on the printed side, opposite the standard location.*

3. Artwork Placement: Please indicate the placement of your artwork on the template below. Custom artwork must clear the slot punch locations and edges by a min. of 0.125".

4. Magnetic Stripe (Optional): If the location of the magnetic stripe is custom (other than standard) and/or if other types of magnetic stripes are to be added to the card (i.e. Debitek stripe), indicate the locations of the magnetic stripe(s) on the template.

Standard Location

Custom Location

HID Proximity & MIFARE® Card Artwork Templates

Slot Punch Indicators

12345 = Card ID Number
 YYYYYYYY-YY = Sales Order Number

Front

Back

Contact Smart Chip location to be embedded compliant with ISO 7816 on front or back side.
HID does not recommend placing custom graphics on either side of the Contact Smart Chip area.

Notes:

- External # location reads in the direction as shown. External # character height is approximately 0.1".
- Cards will 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.
- A standard custom artwork file number is printed on the back side of the card. Front side printing of this same number is an option.
- Slot punch location "indicators" will appear on the back side of the card only.
- Do not order slot punched cards for use in dye sublimation printers.
Slot edge may damage the printer ribbon. Slot should be punched after dye sublimation printing.
- Some video imaging printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.

Name: _____ Signature: _____ Date: _____

Custom Artwork Placement and Inkjet Location Form

1391 - MicroProx Tag

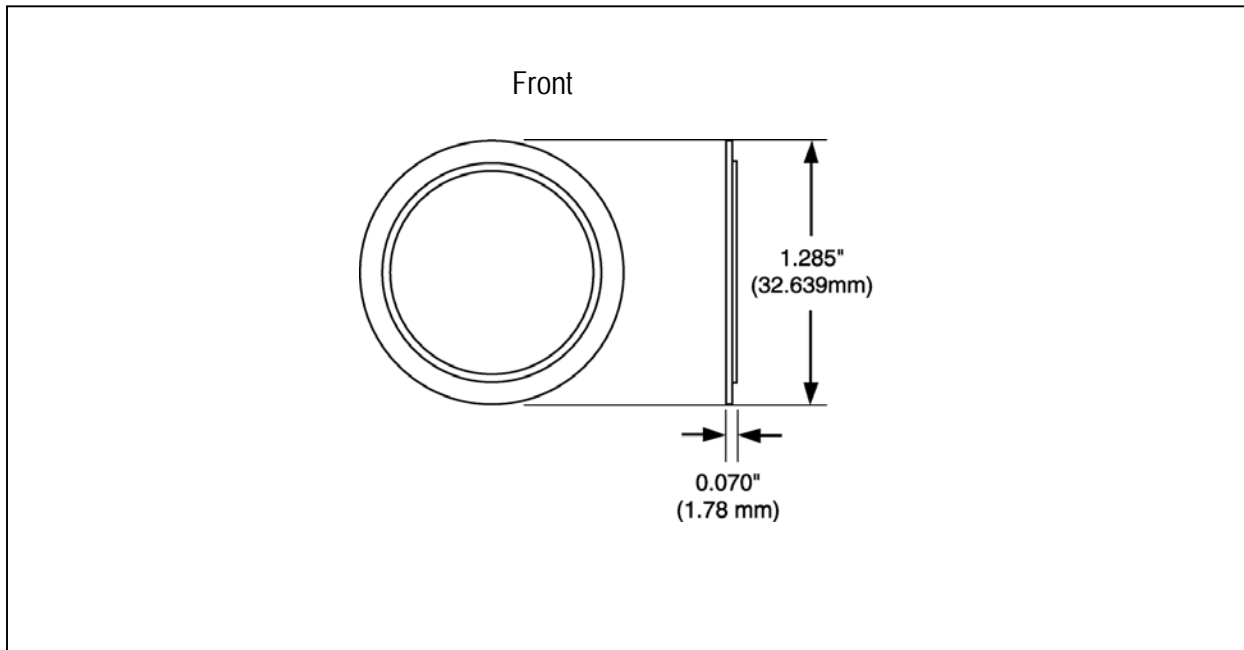
Company Name:		PO No.		Date	
Quantity:		Tag and Artwork File No.			

1. External Number:

Standard Location: The external # can only be printed on the back of the Tag.

2. Artwork Placement: Please indicate the placement of your artwork on the template below (Front side only). Custom artwork must clear the inner circle by a min. of 0.125".

MicroProx Tag Artwork Template



Notes:

1. Minimum order quantity 10,000 pieces per Purchase Order.
2. Maximum two color artwork.

Name: _____ Signature: _____ Date: _____



HID Corporation ProxProgrammer® Ordering Guide

Standard Part Number: 1050AGN00

Description: Programmer for HID 125 kHz Programmable RFID Transponders/Cards/ Tags¹, with CD-ROM containing Windows 95/NT compatible software, plug-in power supply, configuration cards, and configurable diskette.

To upgrade⁴ an existing HID ProxProgrammer please provide:

HID Part Number: **1050-306-01**

Serial Number: _____

Software Name: _____
(Software name can be found on the Customer Specific Files Diskette)

Please specify the following^{1, 2}:

A - Format Number # 1 _____

Facility Code Range, or specific Facility Code _____

Card Number Range (Start and Stop) _____

B - Format Number # 2 (If required) _____

Facility Code Range, or specific Facility Code _____

Card Number Range (Start and Stop) _____

Customer must also identify the final user of the ProxProgrammer to HID³:

Company Name: _____

Contact Name: _____

Address: _____

Phone #: _____

Fax #: _____

E-mail Address: _____

¹ Only formats authorized for use by your company can be ordered. For HID Format Numbers, please contact HID Customer Service. Consult factory for a list of programmable RFID Transponders/Cards/Tags that can be programmed with this Programmer.

² For Corporate 1000 Format and Custom Facility Code & Card Number Range Programmers, please contact Customer Service for availability, lead times, and pricing.

³ HID requires that a Software License Agreement, signed by the final user of the ProxProgrammer, be on file at HID prior to shipment.

⁴ Software License Agreement does not apply to ProxProgrammer upgrades.



HID Corporation HID MIFARE® Programmer Ordering Guide

Standard Part Number: 3011AKN00

Description: Programmer for 13.56 MHz MIFARE standard (S50) Transponders/Cards/Tags¹, with CD-ROM containing Windows 95/98/2000NT compatible software, plug-in power supply, and configuration diskette.

To upgrade⁴ an existing HID MIFARE Programmer please provide:

Serial Number: _____

Software Name: _____
(Software name can be found on the Customer Specific Files Diskette)

Please specify the following^{1,2}:

A - Format Number # 1 _____

Facility Code Range, or specific Facility Code _____

Card Number Range (Start and Stop) _____

B - Format Number # 2 (If required) _____

Facility Code Range, or specific Facility Code _____

Card Number Range (Start and Stop) _____

Customer must also identify the final user of the HID MIFARE Programmer to HID³:

Company Name: _____

Contact Name: _____

Address: _____

Phone #: _____

Fax #: _____

E-mail Address: _____

¹ Only formats authorized for use by your company can be ordered. For HID Format Numbers, please contact HID Customer Service. Consult factory for a list of programmable RFID Transponders/Cards/Tags that can be programmed with this Programmer.

² For Corporate 1000 Format and Custom Facility Code & Card Number Range Programmers, please contact Customer Service for availability, lead times, and pricing.

³ HID requires that a Software License Agreement, signed by the final user of the HID MIFARE Programmer, be on file at HID prior to shipment.

⁴ Software License Agreement does not apply to HID MIFARE Programmer upgrades.

All trademarks and registered trademarks are the properties of their respective companies.



HID Corporation Magnetic Stripe Encoder Ordering Guide

- 3152-0420** **Description:** PC Based - ABA/EMPI - I, All Tracks Encoder.
- 3152-0450** **Description:** PC On-Line EMPI - I & EMPI - II, ABA/ISO, Track 1 or 2 Encoder.

Please specify the following:

Job Code Number¹ (EMPI only): _____

Bit Number, if known (EMPI only): 8 Bit Number: _____ 16 Bit Number: _____

Site Code Number (ABA/ISO): _____

Customer must also identify the final user of the Encoder to HID:

Company Name: _____

Contact Name: _____

Address: _____

Phone #: _____

Fax #: _____

E-mail Address: _____

¹ If your Job Code number is not known, you will need to send us a card to read for verification (3110-3001 - Card Research Fee)

Only formats authorized for use by your company can be ordered. For HID EMPI Numbers, please contact HID Customer Service.

The EMPI format was developed to offer Encryption and Job Code Control

Encryption: The data is encrypted via a multiple round substitution / diffusion cypher. EMPI cards are difficult to duplicate without a special encoder. The cards can only be read by an HID Magnetic Stripe Reader.

Job Code Control: Every site code is registered to an installation company or site and will never be duplicated. The Job Code Number is the unique file number that is registered to a site, user or installation company.

The Encoded number is a different number from the Job Code Number for security reasons and is encoded on the stripe. When read by a reader, it is run through a mathematical algorithm and outputted as an 8 bit or 16 bit number. If you select 26-bit output you will see the 8-bit number, if you select 34-bit output you will see the 16 bits number.

EMPI - I for ID numbers up to 65,536
EMPI - II for ID numbers up to 1,000,000 (3152-0420 encoder will only encode EMPI - I)



HID Corporation Proximity Reader Accessories

Part No.	Description
----------	-------------

ProxPro Family

5455AGM00	Glass Mount Kit, ProxPro and ProxPro II Readers
5350-113-01	Bezel, ProxPro Reader with Keypad (Rev. A) - Charcoal Gray
5350-113-02	Bezel, ProxPro Reader (Rev. A) - Charcoal Gray
5350-113-03	Bezel, ProxPro Reader with Keypad (Rev. A) - Beige
5350-113-04	Bezel, ProxPro Reader (Rev. A) - Beige
5355A-302-01	Cover, ProxPro w/Keypad Reader (Rev. A) - Charcoal Gray
5355A-302-02	Cover, ProxPro Reader (Rev. A) - Charcoal Gray
5355A-302-03	Cover, ProxPro w/Keypad Reader (Rev. A) - Beige
5355A-302-04	Cover, ProxPro Reader (Rev. A) - Beige
5350-101-01	Base, ProxPro Reader (Rev. A) - Charcoal Gray
5350-101-02	Base, ProxPro Reader (Rev. A) - Beige
5355A-306-01	Keypad cover assembly, ProxPro w/Keypad assembly upgrade (Rev. A) - Gray
5355A-306-02	Keypad cover assembly, ProxPro w/Keypad assembly upgrade (Rev. A) - Beige
5455-311-01	Cover, ProxPro II Reader (Rev. B) - Charcoal Gray (No Bezel Required)
5455-311-02	Cover, ProxPro II Reader (Rev. B) - Beige (No Bezel Required)
5455-311-03	Cover, ProxPro II Reader (Rev. B) - Black (No Bezel Required)
5455-311-04	Cover, ProxPro II Reader (Rev. B) - White (No Bezel Required)
30-0003-01	Rubber Keypad Cover, ProxPro Reader (Rev. A)
137-0005-11	Connector Feed Back Nut and Washer, ProxPro Reader (Rev. A)
6030-302-01	Accessory Kit, Side Mount, Includes Mounting Bracket and Adhesive, ProxPro Plus or MultiProx Reader (Rev. A)

MiniProx

5365-371-01	Classic cover, MiniProx Reader (Rev. E) - Charcoal Gray
5365-371-02	Classic cover, MiniProx Reader (Rev. E) - Beige
5365-371-03	Classic cover, MiniProx Reader (Rev. E) - Black
5365-371-04	Classic cover, MiniProx Reader (Rev. E) - White
<i>New Look¹</i>	
5365-372-01	Designer cover, MiniProx Reader (Rev. E) - Black
5365-372-02	Designer cover, MiniProx Reader (Rev. E) - Charcoal Gray
5365-372-04	Designer cover, MiniProx Reader (Rev. E) - Wave Blue
5365-372-05	Designer cover, MiniProx Reader (Rev. E) - White

ThinLine II and MIFARE

5395-104-01	Classic cover, ThinLine II and MIFARE Reader (Rev. C) - White
5395-104-02	Classic cover, ThinLine II and MIFARE Reader (Rev. C) - Beige
5395-104-03	Classic cover, ThinLine II and MIFARE Reader (Rev. C) - Black
5395-104-04	Classic cover, ThinLine II and MIFARE Reader (Rev. C) - Charcoal Gray
<i>New Look²</i>	
5395-371-01	Designer cover, ThinLine II and MIFARE Reader (Rev. C) - Black
5395-371-02	Designer cover, ThinLine II and MIFARE Reader (Rev. C) - Charcoal Gray
5395-371-04	Designer cover, ThinLine II and MIFARE Reader (Rev. C) - Wave Blue
5395-371-05	Designer cover, ThinLine II and MIFARE Reader (Rev. C) - White

Prox80

5405-103-02	Classic cover, Prox80 Reader - Gray
5405-103-05	Classic cover, Prox80 Reader - White



HID Corporation Proximity Reader Accessories

Part No.	Description
MaxiProx	
5370A-305-01	Cover, MaxiProx Reader (Rev. A) - Gray
5370-111-01	Base, MaxiProx Reader (Rev. A) - Charcoal Gray
5375-303-01	Accessory Kit, MaxiProx Reader (Old wiring Diagram) (Rev. A)
5375-313-01	Accessory Kit, MaxiProx Reader (New wiring Diagram) (Rev. A)
56-0002-01	MaxiProx Reader Rubber Gasket (Rev. A)
ProxPoint Plus	
6005-111-01	Classic cover, ProxPoint Plus Reader (Rev. B) - White
6005-111-02	Classic cover, ProxPoint Plus Reader (Rev. B) - Beige
6005-111-03	Classic cover, ProxPoint Plus Reader (Rev. B) - Black
6005-111-04	Classic cover, ProxPoint Plus Reader (Rev. B) - Charcoal Gray
<i>New Look</i> ³	
6005-312-01	Designer cover, ProxPoint Plus Reader (Rev. B) - Black
6005-312-02	Designer cover, ProxPoint Plus Reader (Rev. B) - Charcoal Gray
6005-312-04	Designer cover, ProxPoint Plus Reader (Rev. B) - Wave Blue
6005-312-05	Designer cover, ProxPoint Plus Reader (Rev. B) - White
ProxPoint	
6005-101-01	Cover, ProxPoint Reader (Rev. A) - White
6005-101-02	Cover, ProxPoint Reader (Rev. A) - Beige
6005-101-03	Cover, ProxPoint Reader (Rev. A) - Black
6005-101-04	Cover, ProxPoint Reader (Rev. A) - Charcoal Gray
Other	
3012AKN00	HID MIFARE® Developer's Resource Kit (Reader Kit with CD)
3012ANS00	HID MIFARE® Developer's Resource CD Only
3013AKN00	HID MIFARE® Demo Kit (Reader Kit with Demo CD)
3010-101-01	HID MIFARE® Reader Demo L-Shape Stand
0300-301-1	Prox Readers Demo Kit (ProxPro & MiniProx Readers)
0300-301-2	Wiegand/Prox Readers Demo Kit (MiniProx & Classic Swipe)
4045-390-03	EntryProx Spare Parts Accessories Kit
4045-303-01	EntryProx Reader Replacement Antenna
4045-105-01	EntryProx Reader Antenna Mounting Plate
6020-302-01	Accessory Kit, HSM
33-0001-01	RELAY, 1.00A-24VDC , SPDT-1 FO
33-0001-01	Switch, MultiProx Controller
146-0002-00	Connector, MultiProx Controller
156-XXXX-XX	Firmware Chip - <i>Verify Programming with Technical Support</i>
57-0001-02	Key Ring for ProxKey (Keyfob)
02-0004-01	Universal Power Supply for the ProxProgrammer
1050-306-01	ProxProgrammer Software Upgrade

¹ MiniProx Covers will only fit MiniProx readers with removable covers series (Model # 5365E or later), and will NOT fit older versions with electronics potted into the cover (Model #s 5365A, 5365B, nor 5365C) .

² Thinline II Designer Covers will only fit Thinline II readers (Model # 5395C or later), and will NOT fit Thinline II readers (Model #s 5395A nor 5395B).

³ ProxPoint Plus Designer Covers will fit all ProxPoint Plus readers (Model # 6005B or later), and will NOT fit ProxPoint readers (Model # 6005A).

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HID Corporation ProxPoint® Plus Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
ProxPoint Plus Proximity Reader with Wiegand output with Clock and Data output	6005 6008	B B	G = Classic Charcoal Gray B = Classic Beige W = Classic White K = Classic Black 1 = Designer Black 2 = Designer Charcoal Gray 4 = Designer Wave Blue 5 = Designer White	B = Pigtail (18 inches/45.7 cm) L = Long Pigtail (9 feet/3 meters) ⁴	00 04 01 05 02 06 03 07	XXXX Y
ProxPoint OEM Module with Wiegand output with Clock and Data output	4065 4068	A A	L = Board only A = Board & Antenna ³	N = None	00 04 01 05 02 06 03 07	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting Options are as follows (factory programmed):

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 01 = Beep off, LED normally red, reader flashes green on tag read
- 02 = Beep on, LED normally off, reader flashes green on tag read
- 03 = Beep off, LED normally off, reader flashes green on tag read

- 04 = Beep on, LED normally red, host must flash green
- 05 = Beep off, LED normally red, host must flash green
- 06 = Beep on, LED normally off, host must flash red and/or green
- 07 = Beep off, LED normally off, host must flash red and/or green

² Consult Factory

³ OEM module board and antenna are shipped disconnected.

⁴ An optional 9 foot pigtail is available through our HID European office and can also be available in the Americas and Asia Pacific regions via special order of 2,500 unit minimum order quantity. Please call the HID factory for pricing and lead-times.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation MiniProx® Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
MiniProx Proximity Reader with Wiegand output with Clock and Data output	5365 5368	E E	G = Classic Charcoal Gray B = Classic Beige W = Classic White K = Classic Black 1 = Designer Black 2 = Designer Charcoal Gray 4 = Designer Wave Blue 5 = Designer White	P = Pigtail (18 inches/45.7 cm) T = Terminal Strip H = Hazardous back box ³ L = Long Pigtail (9 feet/3 meters) ⁴	00 04 01 05 02 06 03 07	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting Options are as follows (factory programmed):

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 01 = Beep off, LED normally red, reader flashes green on tag read
- 02 = Beep on, LED normally off, reader flashes green on tag read
- 03 = Beep off, LED normally off, reader flashes green on tag read

- 04 = Beep on, LED normally red, host must flash green
- 05 = Beep off, LED normally red, host must flash green
- 06 = Beep on, LED normally off, host must flash red and/or green
- 07 = Beep off, LED normally off, host must flash red and/or green

² Consult Factory

³ The hazardous back box option is available in gray only

⁴ An optional 9 foot pigtail is available through our HID European office and can also be available in the Americas and Asia Pacific regions via special order of 2,500 unit minimum order quantity. Please call the HID factory for pricing and lead-times.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation ProxPro® Family Proximity Reader Part Numbers and Options

ProxPro® II Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
ProxPro® II Proximity Reader with Wiegand output with Clock & Data Output	5455 5458	B	G = Charcoal Gray B = Beige W = White K = Black	N = No Keypad, Pigtail (18 inches/45.7 cm) L = No Keypad, Long Pigtail (9 feet/3 meters) ⁸	00 04 01 05 02 06 03 07	XXXX Y

ProxPro® Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ^{5,7}	Custom ²
ProxPro® Proximity Reader with Wiegand output with Serial output ⁶ with Clock & Data Output	5355 5352 5358	A	G = Charcoal Gray B = Beige	N = No Keypad, Terminal Strip K = Keypad ³ , Terminal Strip S = Keypad ⁴ , Terminal Strip	00 09 10 11 14 19 20 21	XXXX Y

*Revision numbers and availability are subject to change without notice.

¹ ProxPro II Configuration Setting Options are as follows (factory programmed):

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 01 = Beep off, LED normally red, reader flashes green on tag read
- 02 = Beep on, LED normally off, reader flashes green on tag read
- 03 = Beep off, LED normally off, reader flashes green on tag read

- 04 = Beep on, LED normally red, host must flash green
- 05 = Beep off, LED normally red, host must flash green
- 06 = Beep on, LED normally off, host must flash red and/or green
- 07 = Beep off, LED normally off, host must flash red and/or green

² Consult Factory.

³ ProxPro Reader with Keypad (Hardware Option "K" Version): data is outputted over shared Wiegand cable. Reader processes keystrokes.

⁴ ProxPro Reader with Keypad (Hardware Option "S" Version): (3 x 4 Matrix) requires additional 7 conductor keypad cable. Control panel processes keystrokes.

⁵ ProxPro Configuration Setting options are as follows (factory programmed)::

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 09 = Buffer one key, add compliment, 8 bit message (Dorado)
- 10 = Buffer six keys and add parity
- 11 = Buffer one key and add parity

- 14 = Buffer one to five keys (Standard 26 bit output)
- 19 = Buffer four keys and add parity
- 20 = Single Key buffering
- 21 = Supervision Mode

⁶ ProxPro Serial output reads RS232, RS422, and RS485.

⁷ ProxPro reader Configuration Settings are selected by the customer via dip switch settings. 00 = LED normally red, reader flashes green on tag reads.

⁸ An optional 9 foot pigtail is available through our HID European office and can also be available in the Americas and Asia Pacific regions via special order of 2,500 unit minimum order quantity. Please call the HID factory for pricing and lead-times.

Optional Glass Mount Kit for ProxPro and ProxPro II Readers = 5455AGM00.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation ThinLine® II Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
ThinLine II Proximity Reader with Wiegand output with Clock and Data output	5395 5398	C	G = Classic Charcoal Gray B = Classic Beige W = Classic White K = Classic Black 1 = Designer Black 2 = Designer Charcoal Gray 4 = Designer Wave Blue 5 = Designer White	1 = Pigtail (18 inches/45.7 cm) L = Long Pigtail (9 feet/3 meters) ³	00 04 01 05 02 06 03 07	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting Options are as follows (factory programmed):

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 01 = Beep off, LED normally red, reader flashes green on tag read
- 02 = Beep on, LED normally off, reader flashes green on tag read
- 03 = Beep off, LED normally off, reader flashes green on tag read

04 = Beep on, LED normally red, host must flash green

05 = Beep off, LED normally red, host must flash green

06 = Beep on, LED normally off, host must flash red and/or green

07 = Beep off, LED normally off, host must flash red and/or green

² Consult Factory

³ An optional 9 foot pigtail is available through our HID European office and can also be available in the Americas and Asia Pacific regions via special order of 2,500 unit minimum order quantity. Please call the HID factory for pricing and lead-times.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation MaxiProx® Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
MaxiProx® Proximity Reader	5375	A	G = Charcoal Gray	N = None	00	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting 00 = LED normally red, reader flashes green on tag reads.

The MaxiProx® reader configuration settings are selected by the customer via internal dip switch settings.

² Consult Factory

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation MultiProx® Proximity Family Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
MultiProx Proximity Reader	5385	A	G = Charcoal Gray	S = Side Connector B = Back Connector	00	XXXX Y
MultiProx Controller with 24 volt, coaxial - to Wiegand Interface	6000	B	N = None	N = None	00	XXXX Y
MultiProx HSM Interface	6020	A	N = None	N = None	00	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting 00 = LED normally red, reader flashes green on tag reads.

² Consult Factory

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation EntryProx™ Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²
EntryProx™ Proximity Reader Stand-Alone Access Control Unit	4045	B	G = Charcoal Gray	N = None	U0	XXXX Y
EntryProx™ Proximity Reader Stand-Alone Access Control Unit	4045	B	G = Charcoal Gray	K = Key Kit (Includes 10 ProxKey® II Tags) ³	U0	XXXX Y
EntryProx™ Proximity Reader Stand-Alone Access Control Unit	4045	B	G = Charcoal Gray	C = Card Kit (Includes 20 ProxCard® II Cards) ³	U0	XXXX Y
HP Infrared Printer	4045-PRN	N/A	N/A	N/A	N/A	N/A
HP Printer Paper (Package of 6 rolls)	4045-RFL	N/A	N/A	N/A	N/A	N/A
Security Tool	04-0001-03	N/A	N/A	N/A	N/A	N/A

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Configuration Setting U0 = LED normally red, reader flashes green on tag reads.

² Consult Factory

³ Proximity cards and keytags included in kits will be programmed with HID's 37-bit Wiegand format (H10302).
HID tracks the issuance of this format and does not duplicate numbers. Numbers will be issued in random order.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation HID MIFARE® Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Card Read Mode ²	CSN Wiegand Output Mode ³	Custom ⁴
HID MIFARE® Reader Read/Write Capability, Wiegand & RS232 Output	6055	B	G = Charcoal Gray B = Beige W = White K = Black	L = Long Pigtail (9 feet/3 meters)	00 04 01 05 02 06 03 07	0 1 2	0 1 2 3 4	XXXX Y
HID MIFARE® Developer's Resource Kit	3012	A	K = Black	N = Reader Kit with CD ⁵	00	N/A	N/A	N/A
HID MIFARE® Developer's Resource CD	3012	A	N = None	S = CD Only ⁵	00	N/A	N/A	N/A
HID MIFARE® Demo Kit	3013	A	K = Black	N = Reader Kit with Demo CD ⁶	00	N/A	N/A	N/A

*Revision numbers and availability are subject to change without notice. Consult factory for availability.

¹ Configuration Setting Options are as follows (factory programmed):

00 = Beep on, LED normally red, reader flashes green on tag read
 01 = Beep off, LED normally red, reader flashes green on tag read
 02 = Beep on, LED normally off, reader flashes green on tag read
 03 = Beep off, LED normally off, reader flashes green on tag read

04 = Beep on, LED normally red, host must flash green
 05 = Beep off, LED normally red, host must flash green
 06 = Beep on, LED normally off, host must flash red and/or green
 07 = Beep off, LED normally off, host must flash red and/or green

² Card Read Modes are as follows (factory programmed): Refer to the "HID MIFARE Reader Wiegand Output Configuration" Guide for more details.

0 = HID Data only (Sector 1, MIFARE Application Directory or Sector Location, only applies if "CSN Wiegand output Mode" = 0) 1 = MIFARE Card Serial Number (CSN) Only 2 = HID Data or MIFARE CSN

³ Card Serial Number (CSN) Wiegand Output Modes are as follows (factory programmed). Refer to the "HID MIFARE Reader Wiegand Output Configuration" Guide for more details.

0 = 32 bit 1 = 32 bit reverse (as in 6055A) 2 = 26 bit 3 = 34 bit 4 = 40 bit
 Above "Card Serial Number (CSN) Wiegand Output Modes " options 1, 2, 3, and 4 cannot be used if "Card Read Mode" = 0

⁴ Consult Factory

⁵ Developer's Resource CD includes: Serial Protocol Documentation and Developer's Test Program to assist in developing custom MIFARE software applications.

⁶ Demo CD Includes: MIFARE Documentation and Sample Application Program.

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To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Card Read Mode ²	CSN Wiegand Output Mode ³	Custom ⁴



HID MIFARE® Reader Wiegand Output Configuration

Base Model Number: 6055B only

Desired Wiegand Data Output format	Comments	Model Number
Any HID/OEM format.	As encoded into Mifare card by HID factory or field programmer.	6055BXX0000
32-bit, Mifare Card Serial Number.	Random number burned into card chip.	6055BXX0010
32-bit, Mifare Card Serial Number, reverse output.	Reverse output matches HID Mifare Reader base model number: 6055A.	6055BXX0011
26-bit, derived from Mifare Card Serial number.	ID = 16 lower bits of CSN. Reader generates fixed FC - defaults to 001, but can be custom configured.	6055BXX0012
34-bit, Mifare Card Serial number plus beginning/ending parity.		6055BXX0013
40-bit, Mifare Card Serial Number plus 8-bit checksum.	Checksum per Philips standard.	6055BXX0014
HID/OEM format or 32-bit (Mifare Card Serial Number).	Reader searches for HID/OEM data in sector 1, then MAD; if no HID data found, then send CSN as configured.	6055BXX0020
HID/OEM format or (32-bit Mifare Card Serial Number in reverse output).	Reader searches for HID/OEM data in sector 1, then MAD; if no HID data found, then send CSN as configured.	6055BXX0021
HID/OEM format or 26-bit (derived from Mifare Card Serial Number).	Reader searches for HID/OEM data in sector 1, then MAD; if no HID data found, then send CSN as configured.	6055BXX0022
HID/OEM format or 34-bit (Mifare CSN plus beginning/ending parity).	Reader searches for HID/OEM data in sector 1, then MAD; if no HID data found, then send CSN as configured.	6055BXX0023
HID/OEM format or 40-bit (Mifare Card Serial number plus 8 bit checksum).	Reader searches for HID/OEM data in sector 1, then MAD; if no HID data found, then send CSN as configured.	6055BXX0024

Notes:

1. MAD = Mifare Application Directory, a table of contents for the Mifare card located in Sector 0.
2. CSN = Card Serial Number, a 32-bit random number burned into the chip by the chip manufacturer (not HID).
3. XX = Indicates color and hardware options. Refer to the "How to Order Guide" for complete ordering instructions.

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HID Corporation Proximity Embedded Reader Modules Part Numbers and Options (OEM product only)

Card Reader Description	Base Part No.	Current Rev. No.*	Module Options	Hardware Options	Configuration Setting Options ¹	Custom ²
Multi Chip Module (MCM)	4025	A	0 = None	1 = None	05 = Standard (Generic)	XXXX Y
eProx™ Lock Module	4041	A	N = None	N = None	00 = Wiegand output 01 = Clock & Data output 02 = F2F Output	XXXX Y
ProxGuts™ Module with Wiegand output with Clock and Data output	4035 4038	C	A = Beeper with LED	N = None T = Terminal Strip	00 01 02 03 04 05 06 07	XXXX Y
			B = Beeper without LED L = No Beeper with LED N = No Beeper without LED	N = None T = Terminal Strip	00	XXXX Y
ProxPoint® OEM Module with Wiegand output with Clock and Data output	4065 4068	A	L = Board only A = Board & Antenna ³	N = None	No beeper option with this Module. <u>LED Options:</u> 00 (Default) 03 05 07	XXXX Y

*Revision numbers and availability are subject to change without notice. Some product may require a signed Non-Disclosure agreement.

Notes:

¹ Configuration Setting Options for ProxGuts & Proxpoint OEM Modules are as follows (factory programmed):

- 00 = Beep on, LED normally red, reader flashes green on tag read
- 01 = Beep off, LED normally red, reader flashes green on tag read
- 02 = Beep on, LED normally off, reader flashes green on tag read
- 03 = Beep off, LED normally off, reader flashes green on tag read

- 04 = Beep on, LED normally red, host must flash green
- 05 = Beep off, LED normally red, host must flash green
- 06 = Beep on, LED normally off, host must flash red and/or green
- 07 = Beep off, LED normally off, host must flash red and/or green

² Consult Factory

³ OEM module board and antenna are shipped disconnected.

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ¹	Custom ²



HID Corporation Prox80™ Proximity Reader Part Numbers and Options

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options ²	Custom ³
Prox80™ Proximity Reader ¹ with Wiegand output with Clock and Data output	5405 5408	A	W = White G = Gray	L = Long Pigtail (9 feet/3 meters)	00 04 01 05 02 06 03 07	XXXX Y

*Revision numbers and availability are subject to change without notice.

Notes:

¹ Available through our HID European office and can also be available in the Americas and Asia Pacific regions via special order of 2,500 unit minimum order quantity. Please call the HID factory for pricing and lead-times.

² Configuration Setting Options are as follows (factory programmed):

00 = Beep on, LED normally red, reader flashes green on tag read
 01 = Beep off, LED normally red, reader flashes green on tag read
 02 = Beep on, LED normally off, reader flashes green on tag read
 03 = Beep off, LED normally off, reader flashes green on tag read

04 = Beep on, LED normally red, host must flash green
 05 = Beep off, LED normally red, host must flash green
 06 = Beep on, LED normally off, host must flash red and/or green
 07 = Beep off, LED normally off, host must flash red and/or green

³ Consult Factory

To order, please specify the following:

Card Reader Description	Base Part No.	Current Rev. No.*	Color Options	Hardware Options	Configuration Setting Options	Custom



HID Corporation - Magnetic Stripe Reader Part Numbers and Options

Ordering Part Number	Model Base Number	Card Reader Style I = Insert Reader S = Swipe Reader RS = Rugged Swipe CI = Combo Insert	Configuration S = Standard K = Keypad H = Heater C = Connector E = Elevator Recess	Color W = White B = Black	Card Formats E = EMPI A = ABA H = HID Prox ² P = Prox 10	Reader Outputs W26 = Wiegand 26 W34 = Wiegand 34 AW = All Wiegand Bits AC&D = All Bits C&D F = F2F	Track Read 1 = Track 1 2 = Track 2 3 = Track 3
3110-2305, 3110-2300 ¹ to 3110-2303 ¹	230	CI	S	B	E, A, H ² & P	W26, W34, AW, AC&D	1,2,3
3110-2405	240	CI	K	B	E, A, H ² & P	W26, W34, AW, AC&D	1,2,3
3110-5440	544W	I	S	W	E & A	W26, W34, AW, AC&D	1,2,3
3110-5441	544B	I	S	B	E & A	W26, W34, AW, AC&D	1,2,3
3110-5492 ³ , use 3110-5440	549W (Honeywell TC818A)	I	S	W	E	W26, W34, AW, AC&D	1,2,3
3110-5493 ³ , use 3110-5441	549B (Honeywell TC818A)	I	S	B	E	W26, W34, AW, AC&D	1,2,3
3110-5840	584W	I	K	W	E & A	W26, W34, AW, AC&D	1,2,3
3110-5841	584B	I	K	B	E & A	W26, W34, AW, AC&D	1,2,3
3110-5860 ³	586W (Honeywell)	I	K	W	E	F	1,2,3
3110-5861 ³	586B (Honeywell)	I	K	B	E	F	1,2,3
3110-5892 ³ , use 3110-5840	589W (Honeywell TC818B)	I	K	W	E	W26, W34, AW, AC&D	1,2,3
3110-5893 ³ , use 3110-5841	589B (Honeywell TC818B)	I	K	B	E	W26, W34, AW, AC&D	1,2,3
3110-6120 ¹ , 3110-6122 ³ , use 3110-6444-SD015	612W	S	S	W	E & A	W26, W34, AW, AC&D	1,2
3110-6121 ¹ , 3110-6123 ³ , use 3110-6445-SD015	612B	S	S	B	E & A	W26, W34, AW, AC&D	1,2
3110-6124	612W	S	S, C	W	E & A	W26, W34, AW, AC&D	1,2
3110-6125	612B	S	S, C	B	E & A	W26, W34, AW, AC&D	1,2
3110-6444, 3110-6440 ¹	644W	S	S	W	E & A	W26, W34, AW, AC&D	1,2
3110-6445, 3110-6441 ¹	644B	S	S	B	E & A	W26, W34, AW, AC&D	1,2
3110-6445C	644B (Ceramic Head)	S	S	B	E & A	W26, W34, AW, AC&D	1,2
3110-6448 ³ , use 3110-6444	644W	S	S, C	W	E & A	W26, W34, AW, AC&D	1,2
3110-6449 ³ , use 3110-6445	644B	S	S, C	B	E & A	W26, W34, AW, AC&D	1,2
3110-6449C	644B (Ceramic Head)	S	S, C	B	E & A	W26, W34, AW, AC&D	1,2
3110-6492 ³ , use 3110-6444	649W (Honeywell)	S	S	W	E	W26, W34, AW, AC&D	1,2
3110-6493 ³ , use 3110-6445	649B (Honeywell)	S	S	B	E	W26, W34, AW, AC&D	1,2
3110-7401	740	RS	S	B	E & A	W26, W34, AW, AC&D	1,2
3110-7402 ³ , use 3110-7401 + 3116-0700	740	RS	S, H	B	E & A	W26, W34, AW, AC&D	1,2
3110-7801	780	RS	K	B	E & A	W26, W34, AW, AC&D	1,2
3110-7801C	780 (Ceramic Head)	RS	K	B	E & A	W26, W34, AW, AC&D	1,2
3110-7802 ³ , use 3110-7801 + 3116-0700	780	RS	K, H	B	E & A	W26, W34, AW, AC&D	1,2
3110-7803	780	RS	K, H	B	E & A	W26, W34, AW, AC&D	1,2

Part number Example: 3110-6444 (Swipe magnetic stripe card reader, Standard Configuration, White, ABA or EMPI card Format, clock & data or Wiegand; 26, 34 or all bits output, track read 1 or 2.)

¹ Discontinued, use adjacent part number. ² Reads most HID Card formats from 26-36 bits. Consult HID Technical Support to verify that your format can be read. ³ Will be discontinued effective February 1st, 2005 (use adjacent part number if listed).



Corporate 1000 Format Request Form

HID's Corporate 1000 Format is a 35-bit card format which is owned and controlled by the end-user. The Corporate 1000 Format is offered primarily to large, multi-location organizations that use HID access control readers and cards throughout their organization. With this format, the end-user has the flexibility to choose any access control hardware/software platform or system integrator.

As the End User utilizing the Corporate 1000 program, please fill in your company information in the table below. Be sure to provide your card starting preference and signature for a primary authorized contact within your company. It is also recommended that you add a secondary contact for your company. This information should be entered on the "HID Corporate 1000 Change and Authorization Form".

To control the security of your format, you must authorize which HID direct customer(s) may purchase cards your Corporate 1000 cards on your behalf. Please ask your integrator which OEMs or distributors will be placing the actual orders with HID.

Information	
Company Name	
Mailing Address	
City	
State / Province	
Country	
Zip / Postal Code	
Authorizing Contact Person	
Title	
Phone Number	
Fax Number	
E-Mail Address	

Card numbers available within the Corporate 1000 format are 0 – 1,048,575. Please indicate the card number you wish your first order to start with here: _____. All card numbers below this number will be "blocked" from use. (Should you require assistance with this, please ask your systems' integrator or contact HID directly.)

You may add any of the following options for added card security:

Invisible Ink Advantage® OVD Hologram Microfine Printing Signature Panel

Authorizing Contact Persons' Signature	Date
X	

Please forward to HID for approval and processing: Fax: (949) 598-1690

If you need any assistance, please contact your Customer Service Representative.

To add or remove authorizations, please submit a "HID Corporation Corporate 1000 Change & Authorization Form" to HID.

For Internal Use Only:

HID Sales Manager:	<input type="text"/>	X	<input type="text"/>
	Print Name	Signature	Date
Issued Corporate 1000 Format No.:	<input type="text"/>		
	To be entered by HID after approval		



Corporate 1000 Change & Authorization Form

The Corporate 1000 Format is a 35 bit card format, which is owned and controlled by the end-user. To control the security of your format, you must authorize which HID direct customer(s) may purchase your format on your behalf. Please ask your integrator which OEM or distributor will be placing the actual orders with HID. This information should be entered in the "Add or Remove HID Direct Customers Who Can Purchase Cards In Your Format" table below.

Use this form to communicate all authorization changes concerning your Corporate 1000 Format. HID recommends that each end-user maintain an original copy of this form listing all changes.

End-User (Corporate 1000) Company		Format #	
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Add or Remove HID Direct Customers Who Can Purchase Cards In Your Format

Card Vendor's Info.	Company # 1	Company # 2
Check One	<input type="checkbox"/> Add / <input type="checkbox"/> Remove	<input type="checkbox"/> Add / <input type="checkbox"/> Remove
HID's Direct Customer (OEM or Distributor)		
Contact Name		
Phone Number		
Fax Number		
E-Mail Address		
Authorized End-User's Contact Name		
Authorized End-User's Contact Signature		
Date		

Add or Remove Authorizing Contacts Within Your Company Who Can Manage Your Format

Please complete this portion for adding or removing additional contacts for your format. Ensure that the current authorized contacts have provided their signatures for verification.

Contact's Information	Contact <input type="checkbox"/> Add / <input type="checkbox"/> Remove	Contact <input type="checkbox"/> Add / <input type="checkbox"/> Remove
Name		
Title		
Signature		
Address		
Phone #		
Fax #		
E-Mail Address		
Existing Authorized End-Users' Contact Name		
Existing Authorized End-Users' Contact Signature		
Date		

Please Fax to HID Corporation for processing: Fax (949) 598-1690

If you need any assistance, please contact your Customer Service Representative.

Index of Terms for HID Credentials

Card	An HID Card is a credit card size piece of plastic that contains electronic circuitry that works with HID readers. The term “Card” is often loosely applied to Keyfobs and Tags as well.
Keyfob	A plastic device, roughly the size of a car key, that works like a Card. It is more rugged than a card and very convenient to carry on a key ring. It has a shorter “Read Range” (distance from the reader) than a true card because it is smaller.
Tag	Tags work like Cards, but are made in a circular shape, a little larger than a quarter. They have an adhesive back and can be adhered to any non-metallic surface to allow some other device to work like an HID Card. Like the Keyfob, Tags have a shorter read range. (NOTE: The Model 1351 Vehicle ID Tag is a special case. It is a battery powered Prox device, larger and thicker than a card, that is used only for identifying cars, trucks, etc. in parking applications.)
Model	Every HID credential has a unique “ Base Part Number ”. This number is used when ordering Cards, Keyfobs or Tags to identify exactly what you want to buy.
Options	Each Model has a unique set of available options selected from the following choices. For example, a Tag is not available with a slot punch; however, you still must enter an “N” in the order form.
Programming	Every HID Card, Keyfob or Tag must have specific data programmed into it before it can be used. Most customers have HID do the programming and order their cards that way. A few customers have their own programmers and order non-programmed cards.
Front / Back Packaging	Packaging is a term that defines the appearance of the Front and Back of every credential. Options include color, glossy finish, custom artwork, etc. Front and Back Packaging are defined individually.
Credential Numbering	There are two distinct “Numbers” that apply to each credential. Every programmed Card, Keyfob, Tag will have a number inside it that will be read by the HID reader when the card is used. This is the “Internal Number. It is how an Access Control Unit recognizes the Credential. It is also possible for cards to have a number printed on the outside surface . This number is for use by people who manage the entry of cardholder data into an Access Control System. It can be the same as, or different from the internal number.
Slot Punch	Some cards can have a slot punched in the edge to allow them to hang either horizontally or vertically. ProxCard II (1326) has a built-in slot.
Custom Artwork	Some customers pay HID to print their cards with personalized artwork. This may include a company Logo, a return address (for lost cards), or a special artistic color scheme. The card front, back, or both sides can be printed. The customer must provide the exact artwork they want to HID. We will issue a unique number for that customer to identify their artwork.