What's INSIDE your CARD?

HID CARD TECHNOLOGIES

proximity

iCLASS™
(read/write contactless smart chip)

magnetic stripe

contact smart chip

multi-technology cards

Wiegand Swipe

HID CARD SERVICES

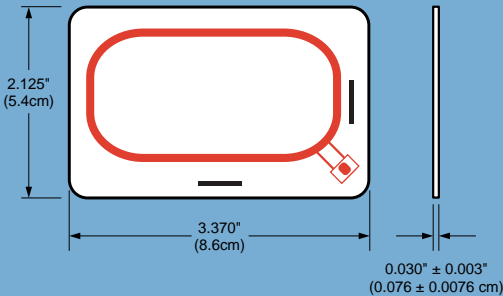custom configuration

complete cards

personalization

anti-counterfeiting

card management

custom artwork

photo ID badging

programming

encoding

CARD APPLICATIONS
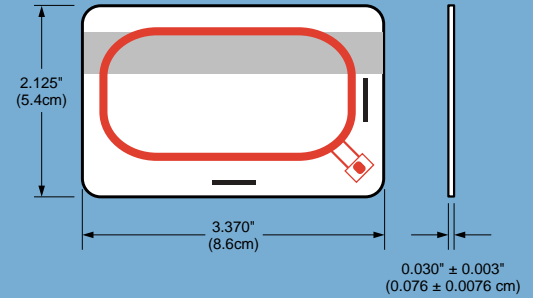
access control

IT secure authentication

digital cash & vending

biometric template storage

time & attendance

photo ID badging

parking control

medical records

fare collection

data storage

HID®

HID CORPORATION

HID
HID CORPORATION

Need more than just access control? Leverage your
A FULL LINE OF MULTI-TECHNOLOGY

ISOPROX® II Base part number: 1386
125 kHz proximity card

2.125"
(5.4cm)

3.370"
(8.6cm)

0.030" ± 0.003"
(0.076 ± 0.0076 cm)

DUOPROX® II Base part number: 1336
125 kHz proximity card with magnetic stripe

2.125"
(5.4cm)

3.370"
(8.6cm)

0.030" ± 0.003"
(0.076 ± 0.0076 cm)

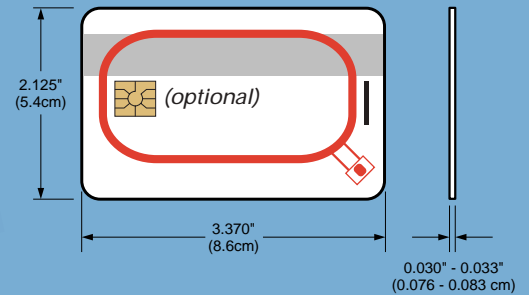## SMART ISOPROX® II

Base part number: 1397

125 kHz proximity card, contact smart chip embeddable* (optional magnetic stripe)

2.125"
(5.4cm)

(optional)

3.370"
(8.6cm)

0.030" - 0.033"
(0.076 - 0.083 cm)
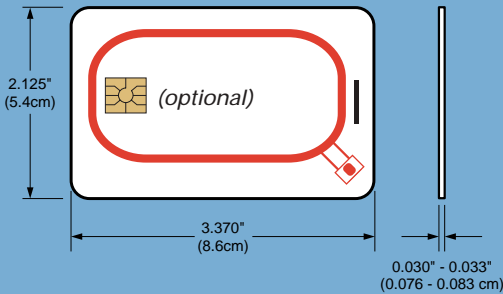
SMART DUOPROX® II

Base part number: 1398

125 kHz proximity card with magnetic stripe, contact smart chip embeddable* (optional magnetic stripe)

2.125"
(5.4cm)

(optional)

3.370"
(8.6cm)

0.030" - 0.033"
(0.076 - 0.083 cm)

HID PROXIMITY AND MIFARE®

Base part number: 1431‡

125 kHz proximity card and 13.56 MHz MIFARE® card (optional magnetic stripe)

2.125"
(5.4cm)

(optional)

3.370"
(8.6cm)

0.030" ± 0.003"
(0.076 ± 0.0076 cm)
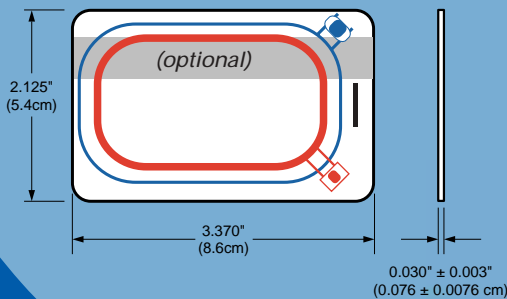
SMART PROXIMITY AND MIFARE®

Base part number: 1431‡

125 kHz proximity and 13.56 MHz MIFARE® card, contact smart chip embeddable* (optional magnetic stripe)

2.125"
(5.4cm)

(optional)

(optional)

3.370"
(8.6cm)

0.030" - 0.033"
(0.076 - 0.083 cm)
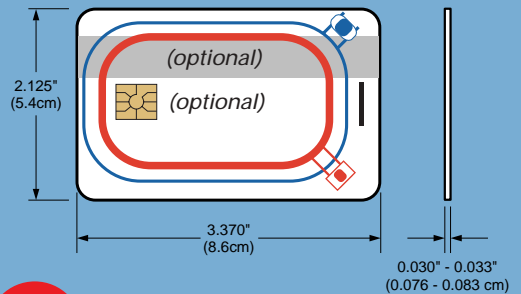
ALL THIN CARDS ARE ISO 7810 COMPLIANT.

*ISO 7816 compliant for embedding optional contact smart chip module. Dimensions shown are nominal dimensions. Some custom graphics can increase overall card thickness.

HID credentials feature a *Lifetime Warranty*. See HID's Sales Policy for complete warranty details.

Specifications subject to change without notice. Please consult our website, www.HIDCorp.com, for up-to-date specifications. See our "How To Order Guide" for details regarding options and part numbers.

DID YOU KNOW?
HID offers a dual technology Proximity & MIFARE card. A sector of the MIFARE portion of the card can be programmed with the same HID proximity format you use today! The HID Proximity & MIFARE card offers an excellent solution for customers who are transitioning from one technology to another, or who are using smart card and proximity applications simultaneously.

CREDENTIALS

iCLASS™ **PROX** Base part number: 202X

13.56 MHz *iCLASS* contactless smart card and 125 kHz proximity card

2.125" (5.4cm)

3.370" (8.6cm)

0.030" ± 0.003" (0.076 ± 0.0076 cm)
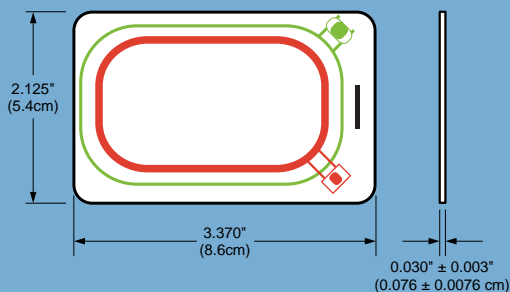
iCLASS™ **PROX** Base part number: 202X

13.56 MHz *iCLASS* contactless smart card and 125 kHz proximity card with optional magnetic stripe
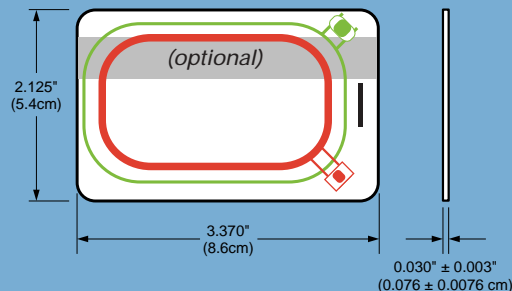
(optional)

2.125" (5.4cm)

3.370" (8.6cm)

0.030" ± 0.003" (0.076 ± 0.0076 cm)

iCLASS™ **PROX EMBEDDABLE**

Base part number: 203X

13.56 MHz *iCLASS* contactless smart card and 125 kHz proximity card, contact smart chip embeddable*

2.125" (5.4cm)

(optional)

3.370" (8.6cm)

0.030" - 0.033" (0.076 - 0.083 cm)
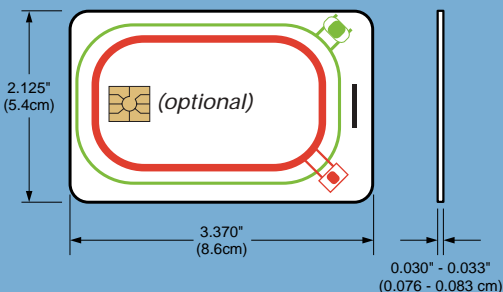
DID YOU KNOW?

HID now offers *iCLASS*™ contactless smart card technology, a complete line of credentials and readers optimized for physical access control, IT secure authentication, and other applications. *iCLASS* cards and readers offer enhanced security through encryption and mutual authentication, as well as the ability to read and write data quickly and securely to the card for many applications. To learn more, visit the *iCLASS* website at **http://www.HIDCorp.com/iclass**
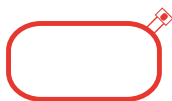
iCLASS™ **PROX EMBEDDABLE**

Base part number: 203X

13.56 MHz *iCLASS* contactless smart card and 125 kHz proximity card, contact smart chip embeddable* (optional magnetic stripe).

(optional)

2.125" (5.4cm)

(optional)

3.370" (8.6cm)

0.030" - 0.033" (0.076 - 0.083 cm)
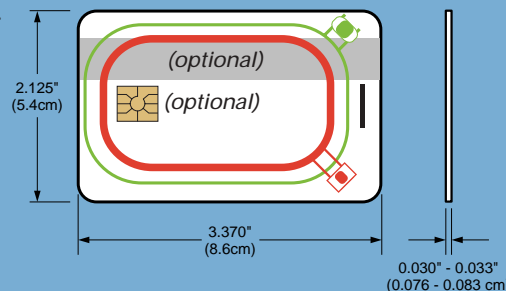
CARD TECHNOLOGIES & APPLICATIONS

Proximity Contactless Chip and Coil Specifications
Operating Frequency: 125 kHz • **Format Size:** Up to 84 bits
Read Range: Up to 24″ (60cm) depending on local installation conditions and card reader selection. (See next page for Contactless Technologies Read Range Chart.)

MIFARE® Contactless Memory Chip and Coil
MIFARE: Contactless memory module • **Operating Frequency**: 13.56 MHz read/write technology • **Memory Size**: 8kbits (1k Byte)
Read Range: Up to 1.5" (3.8 cm) depending on local installation conditions and card reader selection.
RF Interface: As suggested by ISO/IEC 14443, Type A • **Fixed Serial Number**: Unique 32 bit

ACCESS CONTROL

iCLASS™ Read/Write Contactless Smart Chip and Coil
iCLASS: Contactless smart chip module • **Operating Frequency**: 13.56 MHz read/write technology
Memory Size: 2kbits (256 Bytes) with 2 application areas or 16kbits (2kBytes) with 2 or 16 application areas
Read Range: Up to 4.5" (11.4 cm) depending on local installation conditions and card reader selection
RF Interface: As suggested by ISO/IEC 15693 • **Format**: Any proximity bit format up to 84 bits
For more information, use HID's *iCLASS* Reference Guide or visit our website at **www.HIDCorp.com/iclass**.

Contact Smart Chip Module Guidelines

For customers who require a contact smart chip module, HID has developed partnerships with the leading providers of application software and contact smart chip modules.

Depending on your specifications, HID can embed contact smart chip modules from a number of industry leaders. When application software is needed, turn to HID's partners. To learn more about HID's smart card offerings and partners, visit our website at **http://www.HIDCorp.com/smart**.

DIGITAL CASH, VENDING & SECURE TRANSACTIONS

Magnetic Stripe Specifications

Standard: ABA Standard, 3 track, high coercivity (4000 Oersted). Custom magnetic stripes available upon request.

IT SECURE AUTHENTICATION

ISO 9001 SGS

ANSI★RAB QMS ACCREDITED

Need tools to help choose the right credential for your application?

CREDENTIAL FEATURE COMPARISON

Notes

Base Part Number
Consult "How To Order Guide" for more detailed part numbers.

Smart Chip Embeddable
These cards are ISO 7816 compliant and held to 0.030″ to 0.033″ (0.0762 to 0.0838 cm) thickness.

†††Available. Consult factory for correct base part number.

Magnetic Stripe
ABA standard, 3 track, high coercivity (4000 Oersted). Custom magnetic stripes available upon request.

Slot Punch
V=Vertical Slot punch option
H/V=Horizontal or Vertical slot punch option
Keyring=Standard Hole
**Vertical slot punch is standard on the ProxCard II.
††These Wiegand credentials can be slot punched in many different locations. Consult factory for more information.

Direct Image Print
†Direct image printing (using a dye sublimation or direct image transfer printer) can be done at the factory, by the customer or by third parties. Some printing methods can affect the thickness of the credentials, taking them out of ISO 7816 compliance.

Warranty
HID credentials feature a Lifetime Warranty. See HID's Sales Policy for complete warranty details.

Credential	Base Part Number(s)	Proximity (125 kHz)	13.56 MHz Read/Write	Contact Smart Chip Embeddable	Wiegand Strip	Magnetic Stripe	Direct Image Print†	Slot Punch	Warranty
ProxCard® II Card	1326	YES	NO	NO	NO	NO	With PVC overlay	V**	Lifetime
ISOProx® II Card	1386	YES	NO	NO	NO	NO	YES	H/V	Lifetime
DuoProx® II Card	1336	YES	NO	NO	NO	YES	YES	H/V	Lifetime
Smart ISOProx® II Card	1397	YES	NO	YES	NO	NO	YES	V	Lifetime
Smart DuoProx® II Card	1398	YES	NO	YES	NO	YES	YES	V	Lifetime
iCLASS™ Prox Card	202X 203X	YES	YES iCLASS	YES†††	NO	OPTIONAL	YES	V	Lifetime
HID Proximity & MIFARE® Card	1431	YES	YES MIFARE	YES†††	NO	OPTIONAL	YES	V	Lifetime
ProxCard® Plus Card	16-9	YES	NO	NO	YES	OPTIONAL	YES	H/V	Lifetime
ProxKey® II Keyfob	1346	YES	NO	NO	NO	NO	NO	Keyring	Lifetime
MicroProx® Tag	1391	YES	NO	NO	NO	NO	NO	NO	Lifetime
eProx™ Tag	1390	YES	NO	NO	NO	NO	NO	NO	Lifetime
ProxPass® Active Vehicle Tag	1351	YES	NO	NO	NO	NO	NO	NO	Lifetime
SensorCard™	10, 11, 14	NO	NO	NO	YES	NO	YES	H/V††	Lifetime
SensorCard™ II	10, 11	NO	NO	NO	YES	YES	YES	H/V††	Lifetime
SensorKey™	25	NO	NO	NO	YES	NO	NO	Keyring	Lifetime
Pocket Tag	145	NO	NO	NO	YES	NO	NO	Keyring	Lifetime
Photo ID	17	NO	NO	NO	YES	NO	NO	H/V††	Lifetime

CONTACTLESS TECHNOLOGIES READ RANGE CHART

(Read range is dependant on local installation conditions.)

Credential \ Reader	ProxPoint® Plus Card Reader	MiniProx® Card Reader	ThinLine® II Card Reader	ProxPro® Card Reader	ProxPro® II Card Reader	Prox80™ Card Reader	ProxPro® Plus Card Reader	MaxiProx® Card Reader	EntryProx® Card Reader	pcProx™ Desktop Card Reader
ProxCard® II Card	2.0"-3.0" 5.1-7.6 cm	4.0"-5.5" 10.2-14.0 cm	4.0"-5.5" 10.2-14.0 cm	5.5"-8.0" 14.0-20.3 cm	6"-9" 15.2-22.9 cm	4.0"-5.5" 10.2-14.0 cm	8.0"-11.0" 20.3-27.9 cm	16"-29" 40.6-73.7 cm	2.0"-3.0" 5.1-7.6 cm	1.0"-3.0" 2.5-7.6 cm
ISOProx® II Card	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
DuoProx® II Card	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
Smart ISOProx® II	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
Smart DuoProx® II Card	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
iCLASS™ Prox Card	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
HID Proximity & MIFARE® Card	1.5"-2.5" 3.8-6.35 cm	3.0"-5.0" 7.6-12.7 cm	3.0"-5.0" 7.6-12.7 cm	4.0"-7.0" 10.2-17.8 cm	5"-8" 12.5-20 cm	3.0"-5.0" 7.6-12.7 cm	6"-9" 15.2-22.9 cm	15"-20" 38.1-50.8 cm	1.5"-2.5" 3.8-6.35 cm	1.0"-2.5" 2.5-6.35 cm
ProxCard® Plus Card	0.5"-1.0" 1.2-2.5 cm	1.0"-2.0" 2.5-5.1 cm	1.0"-1.5" 2.5-3.8 cm	2.0"-3.0" 5.1-7.6 cm	2.0"-4.0" 5.1-10.2 cm	1.0"-1.5" 2.5-3.8 cm	3.0"-4.0" 7.6-10.2 cm	8.0"-13.0" 20.3-33 cm	0.5"-1.0" 1.2-2.5 cm	0.5"-1.0" 1.2-2.5 cm
ProxKey® II Keyfob	1.0"-1.5" 2.5-3.8 cm	1.0"-2.0" 2.5-5.1 cm	1.0"-2.0" 2.5-5.1 cm	1.0"-3.0" 2.5-7.6 cm	2.0"-4.0" 5.1-10.2 cm	1.0"-2.0" 2.5-5.1 cm	4.0"-6.0" 10.2-15.2 cm	6.0"-17.0" 15.2-43.2 cm	1.0"-1.5" 2.5-3.8 cm	1.0"-1.5" 2.5-3.8 cm
MicroProx® Tag	0.5"-2.0" 1.2-5.1 cm	0.5"-2.5" 1.2-6.4 cm	1.0"-3.0" 2.5-7.6 cm	1.0"-4.0" 2.5-10.2 cm	1.0"-4.5" 2.5-11.4 cm	0.5"-2.5" 1.2-6.4 cm	2.0"-6.0" 5.1-15.2 cm	4.0"-15.0" 10.2-38 cm	0.5"-2.0" 1.2-5.1 cm	0.5"-2.0" 1.2-5.1 cm
ProxPass® Active Vehicle Tag	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4'-8' 1.2-2.5 m	N/A	N/A

For information on iCLASS, please visit HID's website at www.HIDCorp.com/iclass, or request the HID iCLASS Reference Guide.

Need card personalization services to turn your card into a credential?

HID CORPORATE 1000 PROGRAM

Using Multiple Technologies?
Have Multiple Facilities?
Located in Multiple Countries?
Need a Secure Format?
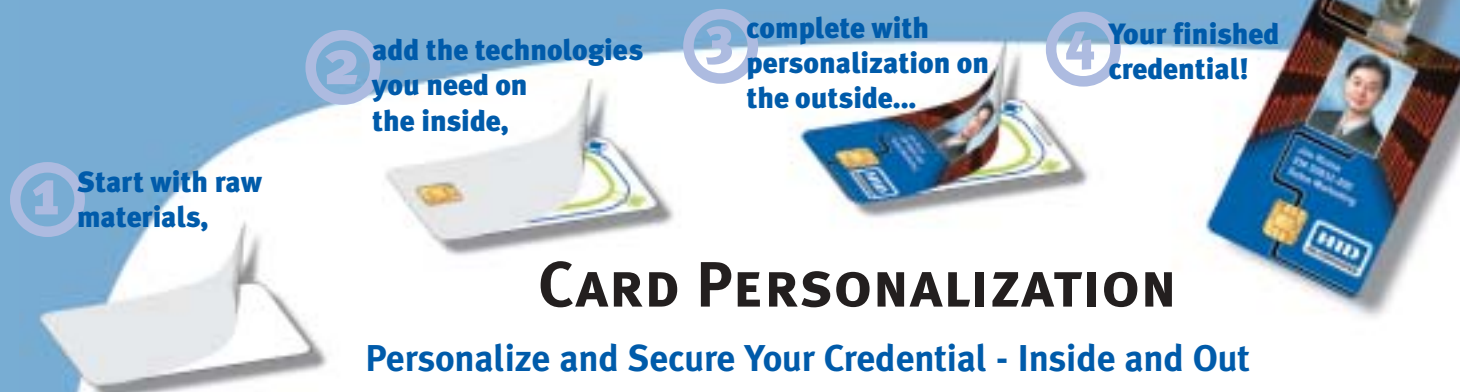### Have Too Many Cards?

Use the HID Corporate 1000 Format.

CORPORATE 1000 PROX BY HID

• The Corporate 1000 Format is a 35-bit card format that is owned and controlled by the end-user.

• To enhance facility security, HID provides end-users with their own proprietary protocol.

• Once the Corporate 1000 Format is established, end-users have the flexibility to choose almost any access control hardware/software platform or system integrator.

• Whatever system or vendor is chosen, end-users maintain the ability to use a single access card at any site across the nation or around the world.

• Cards can be customized with a photo ID, custom artwork, magnetic stripe, bar code, or contact smart chip module.

• HID tracks the card numbers to ensure that no duplication occurs.

• Any HID access control card can be programmed with the assigned format.

HID can meet every customer's goal of handling multiple applications with just one card!

1 Start with raw materials,

2 add the technologies you need on the inside,

3 complete with personalization on the outside...

4 Your finished credential!

CARD PERSONALIZATION

Personalize and Secure Your Credential - Inside and Out

Use HID's Card Personalization Service to create custom credentials. Turn your HID card into a credential by having HID personalize each card with the required ID badge information. For greater security, economically add a custom anti-counterfeiting feature. Only HID can provide one-stop shopping for your complete credential needs!

HID's ID Badge Services:

• Enables the security department to manage security, not ID badge production.

• Reduces overall costs associated with ID badge production.[1] Wear and tear on in-house badge production equipment is minimized.

• Eliminates costs associated with cards destroyed or disfigured during the badging process.

• Use HID Connect, a web-based service usable by any size company. Take advantage of technological advances with little or no capital investment!

• Create your ID badge layout to meet all your requirements. No in-house graphics capabilities required!

• Use an existing photo ID database for the creation of new, personalized ID badges.

[1] *For cost comparison data, visit our website at www.HIDCorp.com/cps.*

HID's Standard Anti-Counterfeiting Offering Includes:

• **Ultra-violet (UV) Fluorescent Inks:** Invisible to the naked eye, these inks can verify the authenticity of a card when placed under a black ultra-violet light.

• **Holograms**: The accepted security measure in the financial and banking world, holograms are easily recognizable by security personnel, allowing for quick identification of counterfeit cards.

• **Corporate Logo**: Enhance corporate identity and brand recognition by creating a unique hologram or UV fluorescent ink design using your company's logo. Easily identified by security personnel, the exclusive logo will visibly demonstrate your company's commitment to security.

To learn more about HID's Card Personalization Service, call your local systems' integrator or visit HID's website at **www.HIDCorp.com/cps**.
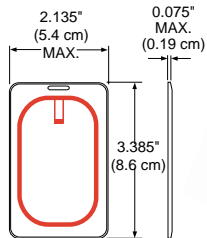
HID ®
HID CORPORATION

PROXIMITY TECHNOLOGY

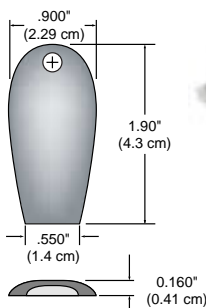## PROXCARD® II

Value priced
125 kHz proximity card
Base part number: 1326

DID YOU KNOW?
A PVC overlay is available for ProxCard II and allows for on-site photo ID using most direct image printers.

2.135"
(5.4 cm)
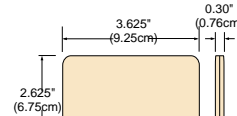MAX.

0.075" MAX.
(0.19 cm)

3.385"
(8.6 cm)

PROXKEY® II

Convenient
125 kHz proximity key fob
Base part number: 1346

.900"
(2.29 cm)

1.90"
(4.3 cm)

.550"
(1.4 cm)

0.160"
(0.41 cm)

A great choice for maintenance personnel or where photo ID's are not needed.

PROXPASS®

Long range
125 kHz proximity active vehicle tag
Base part number: 1351

3.625"
(9.25cm)

0.30"
(0.76cm)

2.625"
(6.75cm)

Your best choice for convenient and economical hands-free parking control.

MICROPROX® TAG

125 kHz proximity adhesive tag
Base part number: 1391

Seamlessly upgrade from other technologies such as magstripe, Wiegand or barium ferrite by simply adding a MicroProx Tag to the card.

Sample placement shown; actual placement will depend on application. Consult HID for specific guidelines. Not for use with cards used with tractor feed (full insertion) readers.
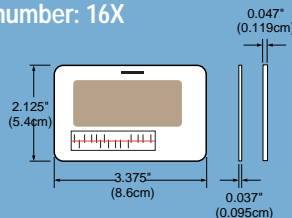
1.285"
(32.639mm)

0.070"
(1.78 mm)
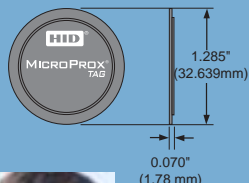
DID YOU KNOW?
Add a MicroProx Tag to a cellphone or PDA to create a secondary credential.

PROXCARD® PLUS

Wiegand and 125 kHz proximity card
Base part number: 16X

0.047"
(0.119cm)

2.125"
(5.4cm)

3.375"
(8.6cm)

0.037"
(0.095cm)

DID YOU KNOW?
You can easily transition from Wiegand to proximity with ProxCard Plus or MicroProx Tag.

ePROX™ TAG

125 kHz proximity embeddable transponder
Base part number: 1390

Add value to specialized third-party products by embedding Prox by HID.

Consult factory for product specifications.

PROXPROGRAMMER®

Base part number: 1050††

Program proximity cards and tags ON DEMAND!

HID's easy-to-use ProxProgrammer allows for custom programmed proximity cards and tags on demand. By using the ProxProgrammer and stocking non-programmed cards and tags, you can eliminate lead times and minimum order quantities.

Software requires minimum 80486 processor, 32MB RAM, 4MB HD space available, Windows® 95, 98, NT, or 2000.

Certifications: Canada/UL 294 Listed, FCC Certification (US), Canada Certification, CE Mark (Fifteen EU Countries under the R&TTE Directive), Australia C-Tick Mark, New Zealand EMC

Dimensions: 5″ x 5″ x 4.3″ (12.7 x 12.7 x 10.9 cm) • Weight: 28 oz (789 g)
Construction: Polycarbonate UL 94 & Delrin
Operating Temperature: -22° to 150° F (-30° to 65° C)
Operating Humidity: 5% to 95% relative humidity

Power Requirements: 12 VDC plug-in type supply provided (input: 100-240 VAC, 47-63 Hz). Unit requires 10-28.5 VDC reverse voltage protected. Linear supply recommended. Current requirements: average at 12/24 VDC is 100/120 mA and peak at 12/24 VDC is 124/280 mA.

**HID credentials feature a *Lifetime Warranty*. See HID's Sales Policy for complete warranty details.**

†† ProxProgrammer hardware has a lifetime warranty; software has a 90-day warranty.

See Sales Policy for complete warranty details.

ProxProgrammer works with all HID proximity credentials, except ProxPass.

Specifications subject to change without notice. Please consult our website, www.HIDCorp.com, for up-to-date specifications. See our "How To Order Guide" for details regarding options and part numbers.

WIEGAND TECHNOLOGY

Used in applications throughout the world, Wiegand swipe technology provides dependable and reliable access control. Using embedded wires with unique magnetic properties, Wiegand credentials are manufactured with a proprietary process that makes them very difficult to duplicate. All Wiegand credentials have a lifetime warranty; see HID's Sales Policy for details.
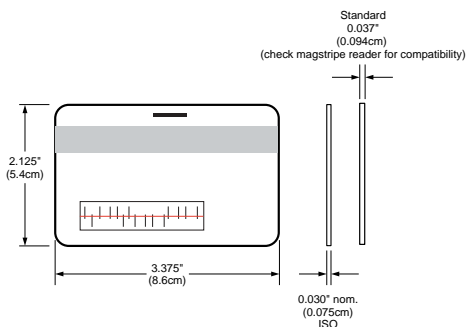
Standard
0.037"
(0.094cm)

2.125"
(5.4cm)

3.375"
(8.6cm)

0.030" nom.
(0.076cm)
ISO

0.047"
(0.119cm)
Tuff
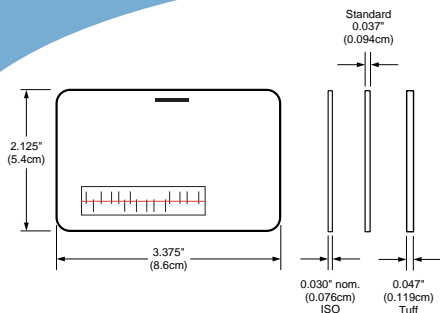
SENSORCARD™

Wiegand swipe card for access control

Base part number: 10X/11X/14X

Combines Wiegand technology and photo identification capability on a single card. Graphics-quality surface for use with direct image printers.

Standard
0.037"
(0.094cm)
(check magstripe reader for compatibility)

2.125"
(5.4cm)

3.375"
(8.6cm)

0.030" nom.
(0.075cm)
ISO

SENSORCARD™ II

Wiegand card with magnetic stripe

Base part number: 10X/11X

Provides the same features as the SensorCard, plus magnetic stripe technology.

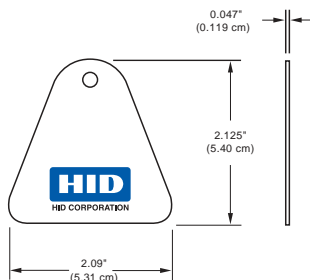2.125"
(5.4cm)

3.375"
(8.6cm)

0.054"
(0.14 cm)
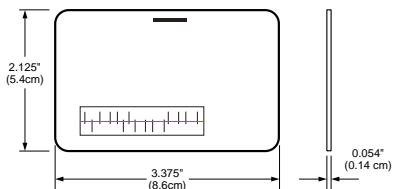
PHOTO ID

Wiegand photo ID badge

Base part number: 17X

Combines Wiegand technology and photo identification capability on a single card. Accepts either Polaroid film prints or video image prints.
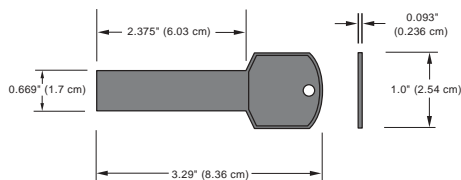
0.047"
(0.119 cm)

2.125"
(5.40 cm)

HID
HID CORPORATION

2.09"
(5.31 cm)

POCKET TAG

Wiegand access control tag

Base part number: 145

Small enough to carry in a pocket or on a key ring. For use with the Classic, Epic, Turnstile and PINPad readers.

2.375" (6.03 cm)

0.093"
(0.236 cm)

0.669" (1.7 cm)

1.0" (2.54 cm)

3.29" (8.36 cm)

SENSORKEY™

Wiegand access control key

Base part number: 25

Convenient key-style Wiegand tag for use with low profile, in-the-wall SensorKey reader.

DID YOU KNOW?

Interested in biometrics? Adhere an *iCLASS* Tag to your existing Wiegand or proximity card. Conveniently store the biometric template on the tag with no need to re-badge! Learn more about *iCLASS* at www.HIDCorp.com/iclass, or request HID's *iCLASS* Reference Guide.

Need Product Specifications?

For additional submittal/specification information, please visit the HID website at www.HIDCorp.com. You will find application notes, bid specifications, and individual data sheets for each product. Download and print the documents needed for bid packages.

Notes

*Some types of printing processes can take these credentials out of ISO compliance for thickness. Consult factory for more information.

**Consult factory for more details about the hotstamp process.

Product	Specification Compliance	Proximity Format Range	Credential Construction	Finishes	Inkjet Numbering	Laser Engraving	Operating Temperature	Operating Humidity	Weight
ProxCard® II Card	N/A	up to 84 bits	molded plastic	N/A	YES	NO	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
ISOProx® II Card	ISO 7810	up to 84 bits	PVC laminate	Gloss	YES	Optional	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
DuoProx® II Card	ISO 7810	up to 84 bits	PVC laminate	Gloss	YES	Optional	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
Smart ISOProx® II Card	ISO 7810 ISO 7816*	up to 84 bits	PVC laminate	Gloss	YES	Optional	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
Smart DuoProx® II Card	ISO 7810 ISO 7816*	up to 84 bits	PVC laminate	Gloss	YES	Optional	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
iCLASS™ Prox Card	ISO 7810 ISO 7816* ISO 15693	up to 84 bits	PVC laminate	Gloss	YES	Optional	-13˚ - 158˚ F -25˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
HID Proximity & MIFARE® Card	ISO 7810 ISO 7816* ISO 14443A	up to 84 bits	PVC laminate	Gloss	YES	Optional	-13˚ - 158˚ F -25˚ - 70˚ C	5-95% non condensing	0.24 oz. 6.8 g
ProxCard® Plus Card	N/A	up to 40 bits	PVC laminate	Gloss Matte	YES	NO	-50˚ - 158˚ F -45˚ - 70˚ C	10-95% non condensing	0.24 oz. 4.8 g
ProxKey® II Keyfob	N/A	up to 84 bits	molded plastic	N/A	YES	Optional	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.26 oz. 7.4 g
MicroProx® Tag	N/A	up to 84 bits	Lexan	N/A	YES	NO	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.04 oz. 1.18 g
eProx™ Tag	N/A	up to 84 bits	N/A	N/A	N/A	N/A	-50˚ - 160˚ F -45˚ - 70˚ C	5-95% non condensing	0.019 oz. 0.54 g
ProxPass® Active Vehicle Tag	N/A	up to 37 bits	molded plastic	N/A	YES	NO	-22˚ - 185˚ F -30˚ - 85˚ C	5-95% non condensing not for marine use	1.72 oz. 48.7 g
SensorCard™	ISO 7810 (in some configurations)	N/A	PVC laminate	Gloss Matte	YES & hotstamp**	NO	-40˚ - 158˚ F -40˚ - 70˚ C	10-95% non condensing	ISO: .17 oz/4.9 g Stnd: .20 oz/5.7 g Tuff: .27 oz/7.6 g
SensorCard™ II	ISO 7810 (in some configurations)	N/A	PVC laminate	Gloss Matte	YES & hotstamp**	NO	-40˚ - 158˚ F -40˚ - 70˚ C	10-95% non condensing	0.17 oz. 4.9 g
SensorKey™	N/A	N/A	molded plastic	N/A	hotstamp**	NO	-40˚ - 158˚ F -40˚ - 70˚ C	10-95% non condensing	0.09 oz. 2.6 g
Pocket Tag	N/A	N/A	PVC laminate	Matte	YES	NO	-40˚ - 158˚ F -40˚ - 70˚ C	10-95% non condensing	0.20 oz. 5.7 g
Photo ID	N/A	N/A	PVC laminate, vinyl photo flap	N/A	hotstamp**	NO	-40˚ - 158˚ F -40˚ - 70˚ C	10-95% non condensing	0.17 oz. 4.9 g