

iCLASS SE How to Order Guide

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Document History

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12/12/14	DM	UHF card section update.	D.3
10/28/14	GL	Updated laser engraving footnote to reflect removal of inkjet option for Austin.	D.2
9/25/14	MM	Removed R90 information.	D.1
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02/15/14	SAR	Add Horizontal slot punch option to MIFARE single tech card as well as option Z for marking. Incorporate UHF triple tech card with base p/n 600	C.8
12/13/13	SAR	Add option K to base p/n 252/262	C.7
11/19/13	SAR	Added iCLASS Seos 8K and LEGIC options. Removed PIN programming for each credentials. Integrate slottable options for iCLASS SR/iCLASS SE card options.	C.6



Contents

iCLASS SE Credential and Reader System Introduction	3
iCLASS SE Platform Overview	3
README - Important Guidelines	6
Logistics - Ordering Information	
Interoperability - Important Situations	
What should I know about security keysets?	
Elite Key Components - Ordering Information	
iCLASS Seos Credentials	
500 - iCLASS Seos Card Ordering Guide	
510 - iCLASS Seos + Prox Card Ordering Guide	
iCLASS SE Credentials	
300/305 - iCLASS SE Card Ordering Guide	
310/315 - iCLASS SE + Prox Card Ordering Guide	
325 - iCLASS SE Key Ordering Guide	
330 - iCLASS SE Tag Ordering Guide	
335 - iCLASS SE Clamshell Card Ordering Guide	
390/391 - iCLASS SE/Other HF - Combination Card Ordering Guide	
395/396 - iCLASS SE/Other 13.56MHz/Prox - Combination Card Ordering Guide	
iCLASS SR Credentials	
200/210 - iCLASS SR Card Ordering Guide	
202/212 - iCLASS SR + Prox Ordering Guide	
205 - iCLASS SR Key Ordering Guide	
206 - iCLASS SR Tag Ordering Guide	
208 - iCLASS SR Clamshell Card Ordering Guide	
232/242 - iCLASS SR/Other HF - Combination Card Ordering Guide	
252/262 - iCLASS/LEGIC/Prox - Combination Card Ordering Guide	
252/262 - iCLASS/Other 13.56 MHz (except LEGIC)/Prox - Combination Card Ordering Guide	
600 - UHF Card Ordering Guide	
601 - iCLASS/2 nd Technology (UHF) - Combination Card Ordering Guide	
LEGIC Multi-technology Credentials	
292/295 - LEGIC/Other 13.56MHz/Prox - Combination Card Ordering Guide	
293/296 - LEGIC/Other HF - Combination Card Ordering Guide	
SIO-Enabled Technology for MIFARE Classic Credentials	
340/345 - MIFARE Classic Card Ordering Guide	
350/355 - MIFARE Classic + Prox Card Ordering Guide	
SIO-Enabled Technology for MIFARE DESFire EV1 Credentials	
370/375 – MIFARE DESFire EV1 Card Ordering Form Guide	
380/385 - MIFARE DESFire EV1 + Prox Card Ordering Form Guide	41
iCLASS SE & multiCLASS SE Readers	43
iCLASS SE & multiCLASS Readers - Quick Reference Part Numbers	44
iCLASS SE Decor - Flush Mount Reader	45
Programming Cards	
Reader Configuration	
Configuration Cards - Quick Reference Part Numbers	
Firmware Update Cards	
Accessories	
OSDP Upgrade Kit	
IP65 Upgrade Kit	49



iCLASS SE Credential and Reader System Introduction

Building upon the success of HID iCLASS® 13.56 MHz contactless smart card technology, HID Global has created iCLASS SE®, the next-generation access control platform and open ecosystem. This new platform is based on the HID Trusted Identity Platform® (TIP) architecture for a new era of advanced applications, mobility and heightened security threats. iCLASS SE enables a new class of portable identity credentials for securely provisioning and safely embedding into both fixed and mobile devices. iCLASS SE, provides advanced security and performance functionality while enabling the use of portable and virtual credentials on Secure Element-based devices (such as mobile devices). iCLASS SE also enables users to add security levels, customize security protection, and extend system capabilities without having to overhaul the device infrastructure and applications.

iCLASS SE goes beyond the traditional smart card model to introduce a more secure, standards-based, technology-independent and flexible identity data structure based on a new portable credential and virtual methodology called the Secure Identity Object™ (SIO[®]).

In November 2011, HID introduced iCLASS SE credentials and readers as the first products with SIO support. These products support interpretation and authentication of this data structure and is HID Global's iCLASS SIO-Enabled (SE) reader and credential family.

In October 2012, HID Global introduced the next generation of credentials with iCLASS Seos[®]. This product provides a highly secure, standards-based system for the generation, delivery, and revocation of digital keys to open doors and verify identities.

The iCLASS SE credential and reader ecosystem is designed to raise the bar for overall system security while supporting key emerging technologies that deliver superior performance, enhanced usability, and increased environmental sustainability. In addition, iCLASS SE readers and credentials are the first access control products to operate under the HID TIP framework creating a secure and trusted boundary in which all cryptographic keys governing system security are delivered with end-to-end privacy and integrity.

iCLASS SE Platform Overview

The first endpoints based on the Secure Identity Object platform are iCLASS SE readers and credentials. The family includes the following:

Credentials

- iCLASS Seos
- · iCLASS SE and SIO-Ready (SR) both belong to iCLASS SE family
- SIO-Enabled Technology for MIFARE[®]
- SIO-Enabled Technology for MIFARE DESFire[®] EV1
- SIO-Enabled Technology for UHF

Readers

- iCLASS SE
- multiCLASS SE[®]

Support and Accessories

- Configuration cards
- · Firmware update cards

Credentials

iCLASS Seos credentials deliver enhanced security, data confidentiality and stronger authentication for user data. Seos comprises a generic card edge (card command interface) to meet the growing demand for interoperability; a secure messaging protocol to protect data transmission. In addition, Seos provides an open software architecture that is portable to a range of mobile devices and microprocessors. The credential offers enhanced privacy protection by delivering data confidentiality and integrity between the smart card and the reader to prevent sensitive/personal data from being intercepted or cloned. Seos credentials are only delivered with SIO objects and are not backwards compatible with standard iCLASS offerings (one or several according to your requirements).

iCLASS SE Credentials are available in either SIO-Enabled (SE) or SIO-Ready (SR) configurations:

SE credentials come with a single access control data payload, the SIO. iCLASS SE credentials provide the highest level of data integrity and privacy, this type of card maximizes security.

SR credentials come with at least two access control data payloads, the SIO and a legacy access control data payload. SR credentials provide backward compatibility with currently deployed systems, this type of card maximizes compatibility. SR credentials should be purchased when the site needs legacy application support, or when the site plans to eventually migrate to SIO security.

iCLASS SE and SR credentials are available in all standard card bodies and form factors offered by HID.

iCLASS SE credentials are designed to work in a **new** installation of iCLASS SE readers and are **not** compatible with standard iCLASS readers.



iCLASS SR credentials are designed to work in an **existing** installation of standard iCLASS readers. iCLASS SR credentials are compatible with standard iCLASS readers. iCLASS SR credentials are also compatible with iCLASS SE readers.

Card Type	Data Payload	Works with Standard iCLASS Cards & Readers	Advantage
iCLASS Seos	Single	No	Increased security, programmable card, portability, interoperability (standards based) and usability (read range).
SIO-Enabled (SE)	Single	No	Maximizes Security
SIO-Ready (SR)	Dual	Yes	Maximizes compatibility with deployed reader base.

MIFARE Classic and MIFARE DESFire EV1 credentials are available in SE configuration only. MIFARE DESFire EV1 SE credentials come in standard card body options.

Card Technology	SE Available	SR Available
iCLASS SE 2, 16. 32 kb	Yes	Yes
SIO-Enabled Technology for MIFARE DESFire EV1 8KB	Yes	No
SIO-Enabled Technology for MIFARE Classic 1K or 4KB	Yes	No
SIO Enabled Technology for UHF	Yes	No

Note: SIO objects only apply to 13.56 MHz contactless Smart Card technology.

Credential Card Markings (for SIO-only cards)

Model Number	Description	External Card Designation
3000	iCLASS SE 2k	©HID iCLASS JH SE
3001 / 3002	iCLASS SE 16k	©HID iCLASS JH SE
3003 / 3004	iCLASS SE 32k	©HID iCLASS JH SE
3050	iCLASS SE 2k Composite	©HID iCLASS JH SE XT
3051 / 3052	iCLASS SE 16k Composite	©HID iCLASS JH SE XT
3053 / 3054	iCLASS SE 32k Composite	©HID iCLASS JH SE XT
3100	iCLASS SE 2k + Prox	©HID iCLASS JAH SE
3101 / 3102	iCLASS SE 16k + Prox	©HID iCLASS JAH SE
3103 / 3104	iCLASS SE 32k + Prox	©HID iCLASS JAH SE
3150	iCLASS SE 2k + Prox	©HID iCLASS JAH SE XT
3151 / 3152	iCLASS SE 16k + Prox	©HID iCLASS JAH SE XT
3153 / 3154	iCLASS SE 32k + Prox	©HID iCLASS JAH SE XT
3400	SIO-Enabled Technology for MIFARE 1K	©HID MIFARE BH SE
3406	SIO-Enabled Technology for MIFARE 4K	©HID MIFARE CH SE
3450	SIO-Enabled Technology for MIFARE 1K Composite	©HID MIFARE BH SE XT
3456	SIO-Enabled Technology for MIFARE 4K Composite	©HID MIFARE CH SE XT
3500	SIO-Enabled Technology for MIFARE 1K + Prox	©HID MIFARE BAH SE
3506	SIO-Enabled Technology for MIFARE 4K + Prox	©HID MIFARE CAH SE
3550	SIO-Enabled Technology for MIFARE 1K + Prox Composite	©HID MIFARE BAH SE XT
3556	SIO-Enabled Technology for MIFARE 4K + Prox Composite	©HID MIFARE CAH SE XT
3700	SIO-Enabled Technology for MIFARE DESFire EV1 8K	©HID DESFire DH SE
3750	SIO-Enabled Technology for MIFARE DESFire EV1 8K Composite	©HID DESFire DH SE XT
3800	SIO-Enabled Technology for MIFARE DESFire EV1 8K + Prox	©HID DESFire DAH SE
3850	SIO-Enabled Technology for MIFARE DESFire EV1 8K + Prox Composite	©HID DESFire DAH SE XT
5005	iCLASS Seos 16K Composite	©HID iCLASS Seos JH XT
5006	iCLASS Seos 8K Composite	©HID iCLASS Seos JH XT
5105	iCLASS Seos 16K + Prox Composite	©HID iCLASS Seos JAH XT
5106	iCLASS Seos 8K + Prox Composite	©HID iCLASS Seos JAH XT
600	SIO-Enabled Technology for UHF	©HID UHG GH XT



iCLASS SE Readers

Interpreters:

iCLASS SE readers support multiple card data interpreters that enable authentication, extraction, interpretation and output of the programmed credential data. The following is a list of interpreters and their primary card compatibility.

- Default All iCLASS SE and multiCLASS SE Readers
 - Secure Identity Object Interpreter: Choose Secure Identity Object Interpreter for compatibility with HID's SIO,
 offers highest level of security of all reader interpreters because it is based on data layer protection utilizing industry
 standard secure authentication and signing algorithms.
- Default for all multiCLASS SE Readers
 - 125 kHz Prox Interpreter: For 125 kHz credentials including support of HID Prox, Indala (ASP10022 26-bit), AWID and EM4102.
- Non-Default (security can be downgraded during order entry or in field to support)
 - Standard iCLASS Access Control Interpreter: For compatibility with standard iCLASS Access Control
 Applications on iCLASS credentials, choose 13.56 MHz Interpreter = "Standard".
 - o CSN Interpreter: For CSNs of ISO14443A/B and ISO15693 compliant credentials, choose the CSN Interpreter.

Form Factors:

Additionally, iCLASS SE and multiCLASS SE readers come in a variety of finished reader forms and hardware configurations including the following.

- Mini-Mullion: For a mullion mounted product, which is the smallest version, choose Mini-Mullion.
- Mullion: For a mullion mounted product sized the same as MiniProx, select Mullion.
- Wall Switch: For standard Wall Switch mount, US / EU / APAC mount choose Wall Switch.
- Euro Square: For standard EU / APAC 60mm mount, select Euro Square.
- Wall Switch Keypad: For standard wall switch mount, US / EU / APAC Keypad mount choose Wall Switch Keypad.

Panel Communication:

iCLASS SE and multiCLASS SE readers support a variety of communication protocol variations for maximum panel compatibility, including the following:

- Wiegand: Choose Wiegand for industry standard compatibility.
- Clock-and-Data: Choose Clock-and-Data for industry standard compatibility.



README - Important Guidelines

Below are simple guidelines for system integrators, product managers and purchasing agents.

Logistics - Ordering Information

- Order iCLASS Seos for the highest security level with the maximum portability of your credentials onto other form factors (such as an NFC enabled phone).
- Order iCLASS SE, SIO-Enabled Technology for MIFARE Classic or MIFARE DESFire EV1 credentials if you want your iCLASS SE readers to work out-of-the-box without configuration and with maximized security.
- Your iCLASS SR credentials work out-of-the-box with standard iCLASS readers!
- Your iCLASS SE credentials DO NOT work with standard iCLASS readers!
- Downgrade the security of your iCLASS SE readers either when ordering product (order non-default
 T = standard setting) or in the field using a configuration card in order to read standard iCLASS credentials. iCLASS SE
 readers always work with iCLASS SE credentials.

Interoperability - Important Situations

- New Sites When deploying credentials for a new site, deploy iCLASS SE Credentials with iCLASS SE Readers for
 maximum security with the most up-to-date credentialing and reader system.
- iCLASS Existing Sites: When deploying credentials to an existing site with standard iCLASS credentials and readers, purchasing iCLASS SR credentials along with iCLASS SE readers with downgraded security (supporting standard interpreters) provides full interoperability with HID's latest and greatest credential and reader platform. This provides options to upgrade security in the future without rip-and-replace of the newly purchased readers. Once all readers on site are iCLASS SE the customer can begin ordering iCLASS SE cards. iCLASS SE, SR and standard iCLASS cards can work simultaneously in the field using iCLASS SEs 13.56 MHz "Standard" interpreter. Once all cards in the population are SR or SE, readers can be upgraded to support only SIO's on either SR or SE cards.
- 125 kHz Existing Sites: Deploying credentials to an existing 125 kHz site with HID Prox/Indala Proximity credentials and readers (HID, Indala, AWID, and EM4102), purchase multi-technology iCLASS SE Credentials along with multiCLASS SE Readers for full credential and reader interoperability and a relaxed migration timeline.
- CP400 & CP575: The field programmers are NOT compatible with iCLASS SE/SR credentials. Only factory programming
 of iCLASS credentials with SIO is available at this time.

What should I know about security keysets?

iCLASS SE readers and SE credentials offer two keyset security schemes, Standard and Elite.

The *Standard Security Program* provides universal keysets that offer maximized compatibility by keying readers and cards with matching security for use in the general population. This allows for maximized compatibility because readers and cards are not keyed on a per site/company basis but rather all keyed the same. This offers the advantage to the integrator as a standard stock of readers and cards will interoperate for a variety of sites/companies, rather than needing different stocks of readers and cards for each individual site. iCLASS SE readers provide two Standard Security Keysets that offer compatibility with the following credentials.

Standard Security Keyset	Use With	Compatibility with these Credentials
Version 1	Standard 13.56 MHz Interpreter	iCLASS Seos (+ Prox) iCLASS SE (+ Prox) iCLASS SR (+ Prox) iCLASS SR (+ Prox) Standard iCLASS (+ Prox)SIO-Enabled Technology for MIFARE Classic (+ Prox) SIO-Enabled Technology for MIFARE DESFire EV1 (+ Prox)
Version 2	SIO 13.56 MHz Interpreter	iCLASS Seos (+ Prox) iCLASS SE (+ Prox) SIO-Enabled Technology for MIFARE Classic (+ Prox) SIO-Enabled Technology for MIFARE DESFire EV1 (+ Prox)

Alternatively, the SE Elite Security Program supports a unique keyset on a per site/company basis.

The keyset governs a variety of keys, including:

- Media (credential) keys for iCLASS SE/SR, SIO-Enabled Technology for MIFARE Classic and MIFARE DESFire EV1 credentials
- SIO authenticity and privacy keys (media independent)
- Configuration programming keys (for programming reader configuration, also media independent)

When utilizing HID's standard key set for the above keys, all standard keyed credentials work with all standard keyed readers. Additionally, any Standard Security configuration card configures a Standard Security reader (only accomplished during the first five (5) seconds after reader powers-up). Conversely, when utilizing the SE Elite program, only site/company specific Elite credentials and programming cards work with matching readers.



Elite Key Components - Ordering Information

- Direct customers of HID must be authorized to purchase components with Elite keys. If you are not authorized, you must have the key owner authorize you through the Authorization form.
 See www.hidglobal.com/main/services/credential-programs/class-elite.
- Ensure the Elite flag is set in the part number (of readers, credentials and programming cards).
- All Purchase Orders for Elite components must be ordered with the Elite reference number (starts with ICE).



iCLASS Seos Credentials

500 - iCLASS Seos Card Ordering Guide

Increased security and interoperability cards for installation supporting iCLASS SE platform.

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

Base Model 500	Composite 40%	6 Polyester	/PVC*				
iCLASS Memory Size and Allocation □ 5 - 16K Bytes □ 6 - 8K Bytes	(Check One)			→		3.370" (8.57 cm)	$\overline{}$
Secure Identity Object Programming P - Programmed with Security Identity			2.125	,,			
☐ G - Plain White with Gloss Finish	Front Packaging (Check One) ☐ G - Plain White with Gloss Finish ☐ C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹					ont Packaging	
Back Packaging (Check One) G - Plain White with Gloss Finish ² C - Custom Artwork with Gloss Finish with I 1 - Plain White with Gloss Finish with I 3 - Custom Artwork with Gloss Finish with I Specify Custom Artwork Number ¹	Magnetic Stripe ²	ork Number¹	.033" = (0.084 cm)		Sh	ared Card Edge =====	10P
Card Numbering³ (Check One)	-Matching External (Inl quential External (Inkje nal (Laser Engraved) ⁴ -Matching External (La	etted) ⁶ user Engraved) ⁴			Bá	ack Packaging	
Slot Punch ⁵ (Check One)		<i>,</i>					
N - No Slot Punch					Y = iCLASS Pro 12345 = Card I YYYYYYYYYYYY		er er
Option - Custom Artwork¹ ☐(Specify Artworks)	vork Number – Refer to	the Custom Artw	ork Forms f	or nev	v artwork)		
Enter your final card options from c	heck boxes above.	Example: 5005	5PGGNN				
Final Part Number 500	Р		N	-	(0	ptions #)]
iCLASS Card Programming Inform	mation						
Bit Numbers (e) Facility Code SE Elite ICE Number (if applicable)		Format Nun	nber		_ (example: H1030	1)	
(Custom Formats) Site Code		. OEM C	ode				
Internal Card # Start Stop		I Card # Start		Stop	<u></u>		
Special Instructions:					<u>*</u>		
¹ For new artwork files, contact Customer Service ² Cards ordered with plain white front and back pa slot punch target printed on the back of the card	ckaging, or custom artwor			HID	and reference number	printed in the lower left-hand co	rner and a

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 not available with any slot punch option.

⁶ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.



510 - iCLASS Seos + Prox Card Ordering Guide

Migration solution from proximity to high security for support in iCLASS SE platform.

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

Base Model	510 Cor	nposite 40	% Polyester	/PVC*				
iCLASS Memory Size and	Allocation	(Check One)			—		3.370" (8.57 cm) →	
					T			
Secure Identity Object Pro P - Programmed with Security R - Both interfaces program Object (SIO), Prox program object (SIO), Prox program object (SIO), Prox program object (SIO), Prox program of the proximal statement of the p	rity Identity C nmed: iCLAS	Object (SIO), Pro SS Seos with Seo	x non programmed curity Identity	2.12 (5.4)			Front Packaging	
Front Packaging (Check C G - Plain White with Gloss C - Custom Artwork with C	Finish	Specify Custom	Artwork Number ¹					
Back Packaging (Check Company) G - Plain White with Gloss C - Custom Artwork with Gloss 1 - Plain White with Gloss 3 - Custom Artwork with Grantwork Number ¹	s Finish² Gloss Finish - Finish with M	Magnetic Stripe ²		.033" (0.084 cn			Shared Card Edge	TOP
13.56 MHz iCLASS Card N M - Sequential Matching II N - No External Card Num S - Sequential Internal/Se R - Random Internal/Non- A - Sequential Matching II B - Sequential Internal/Non- C - Random Internal/Non-	nternal/Exterr abering quential Non- Matching Sec nternal/Exterr quential Non-	nal (Inkjetted) ⁶ Matching Exterr quential Externa nal (Laser Engra Matching Exterr	l (Inkjetted) ⁶ ved) ⁴ nal (Laser Engraved)4	•	III #ZASS Seos	Back Packaging 5*12345 YYYYYYYY xr	
Slot Punch⁵ (Check One) ☑ N - No Slot Punch							ASS Seos Programming Card ID Number	
125 kHz Card Numbering M - Sequential Matching II N - No External Card Num S - Sequential Internal/Se R - Random Internal/Non- A - Sequential Matching II B - Sequential Internal/Se C - Random Internal/Non-	nternal/Exterr abering quential Non- Matching Seo nternal/Exterr quential Non-	nal (Inkjetted) ⁶ Matching Exterr quential Externa nal (Laser Engra Matching Exterr	l (Inkjetted) 6 ved)4 nal (Laser Engraved)4	Y	/ YYYY	YYY-YY = Sales Order Number	
Option - Custom Artwork		ork Number – R	efer to the Custom	Artwork Forms for ne	ew artwork	:)		
Enter your final card option		neck boxes at	ove. Example: 5	105PGGNNN	I I	1		
Final Part Number	510			N	-		(Options #)	
iCLASS Seos Card Prog	ramming	Information						•
Bit Numbers		ample: 26 bit)	Format Numb	er <u> (</u> e	xample: F	110301)	Facility Code	
SE Elite ICE Number (if applie (Custom Formats) Site Code		City Code	OF	1 Codo				
			OE! ternal Card # Star		<u></u>			
125 kHz Card Programm			tterriar oura # 5tar		<u> </u>			
Bit Numbers		ample: 26 bit)	Format Numb	er (e	xample: F	110301)	Facility Code	
Internal Card # Start	U Stan	ny coue	UEIVI COUR vternal Card # Stor	 t	n			
Special Instructions:		E	Klerriai Caru # Stai	·	ν			
 For new artwork files, contact Cus Cards ordered with plain white fro slot punch target printed on the ba 	tomer Service				nd refer	rence num		
3 The external card number is place 4 For Laser Engraved external num 5 Cards are not available with any s 6 Please note that cards shipped ou	ack of the card. d in the bottom bers, consult fa lot punch option	right-hand corner actory for lead time n.	on the back of the car es and cost.	d.			iber printed in the lower left-hand corner and a	



iCLASS SE Credentials

300/305 - iCLASS SE Card Ordering Guide

 $\label{eq:maximized security into installations that do NOT contain standard iCLASS credentials.$

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

Ensure each required of	7.11011 1140 D	3011 31100	NOG WIGH	по аррг				_	
Base Model	300) Stand	ard PV	С	305	5 Con	nposite 4	10%	6 Polyester / PVC*
iCLASS Memory Size an □ 0 - 2k Bits (256 Bytes) w □ 1 - 16k Bits (2k Bytes) w □ 2 - 16k Bits (2k Bytes) w	ith 2 Applicat ith 2 Applicat	ion Areas ion Areas							es) Application areas 16k/2+16k/1 es) Application areas 16k/16+16k/1
Secure Identity Object P ☑ P - Programmed with Se			IO)				1		
Front Packaging (Check G - Plain White with Glo C - Custom Artwork with	ss Finish	- Specify	Custom Art	work Num	ber ¹		2.125" (5.4 cm)		Front Packaging
Back Packaging (Check G - Plain White with Glo C - Custom Artwork with 1 - Plain White with Glos 3 - Custom Artwork with Number¹	ss Finish² Gloss Finish s Finish with	Magnetic S	Stripe ²			ork		 I	3.370° (8.57 cm)
Card Numbering³ (Check M - Sequential Matching N - No External Card Nu S - Sequential Internal/So R - Random Internal/Noon A - Sequential Matching B - Sequential Internal/So C - Random Internal/Noon	Internal/Extermbering equential Non-Matching Solution Internal/Exterm equential No	n-Matching equential E rnal (Laser n-Matching	External (I xternal (Ink Engraved) External (I	kjetted) ⁷ 4 Laser Engr	raved)4		0.033" (0.084 cm)		Back Packaging
Slot Punch ⁵ (Check One, N - No Slot Punch (Print V - Vertical Slot Punch H - Horizontal Slot Punc B - No Slot Punch - Hori Horizontal slot punct	ed location of h 6 zontal Punch	vertical slo	ot punch wi	II remain)					Note: 305 credential image may vary.
	ı 1								Y = iCLASS Programming 12345 = Card ID Number YYYYYYYY-YY = Sales Order Number
Option - Custom Artwork		rtwork Nun	nber – Refe	er to the Cu	ıstom Artwo	rk Form:	s for new artv	∟ Nork))
Enter your final card opt									
Final Part Number		Р						-	(Options #)
iCLASS Card Program	ming Info	mation							
Bit Numbers Facility Code	(e	xample: 2	6 bit)	For	mat Numbe	er	(ex	amp	ole: H10301)
SE Elite ICE Number (if app		City	 		OEM Code				
(Custom Formats) Site Cod Internal Card # Start	estor	City (ode	nal Card #	Start		Ston		
Special Instructions:									—∹ —_·
slot punch target printed on the ³ The external card number is plath ⁴ For Laser Engraved external nu ⁵ Cards are provided with an option	ont and back p back of the car ced in the botto mbers, consult anal slot punch	ackaging, or d. m right-hand factory for k at no additio	custom artw d corner on the ead times an nal charge. S	ork, will still ne back of th d cost. Some video	have a small ne card. imaging printe	HID logo ers canno	t accommodate	e pre	nce number printed in the lower left-hand corner and a -slot punched cards. n of approximately 20% if they order options B or H for

An ASSA ABLOY Group program ASSA ABLOY

* Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

* The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



310/315 - iCLASS SE + Prox Card Ordering Guide

Maximized compatibility with added security into installations that DO contain standard Prox credentials. Ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Base Model 310 Stands	ard PVC		nposite 40% Polyester i	/ PVC*
iCLASS Memory Size and Allocation (Check One) 0 - 2k Bits (256 Bytes) with 2 Application Areas 1 - 16k Bits (2k Bytes) with 2 Application Areas 2 - 16k Bits (2k Bytes) with 16 Application Areas 3 - 32k Bits (4K Bytes) Application areas 16k/2+16k/1 4 - 32k Bits (4K Bytes) Application areas 16k/16+16k/1		1		
Secure Identity Object Programming (Check One) P - Programmed with Security Identity Object (SIO), Pro R - Both interfaces programmed: iCLASS with Security In Prox programmed with HID format	ox non programmed	2.125" (5.4 cm)	Front Packag	ing
Front Packaging (Check One) G - Plain White with Gloss Finish C - Custom Artwork with Gloss Finish – Specify Custom	n Artwork Number¹	<u> </u>		
Back Packaging (Check One) ☐ G - Plain White with Gloss Finish² ☐ C - Custom Artwork with Gloss Finish – Specify Custom ☐ 1 - Plain White with Gloss Finish with Magnetic Stripe² ☐ 3 - Custom Artwork with Gloss Finish with Magnetic Stripe?	ino	0.033" 0.084 cm)	3.370° (8.57 cm)	
13.56 MHz iCLASS Card Numbering³ (Check One) M - Sequential Matching Internal/External (Inkjetted) N - No External Card Numbering S - Sequential Internal/Sequential Non-Matching External R - Random Internal/Non-Matching Sequential External A - Sequential Matching Internal/External (Laser Engraved) B - Sequential Internal/Sequential Non-Matching Extern (Laser Engraved) C - Random Internal/Non-Matching Sequential External	I (Inkjetted) ⁷ Ived) ⁴ nal		Back Packag	
Slot Punch ⁵ (Check One) ☐ H - Horizontal slot punch ⁶ ☐ V - Vertical Slot Punch ☐ N - No Slot Punch (This card can be slotted vertically, p ☐ C - No Slot Punch - Horizontal Slottable Punch compati	orinted location of Vertica			Y 12345 YYYYYYYY-YY
125 kHz Card Numbering³ (Check One) ☐ M - Sequential Matching Internal/External (Inkjetted) ☐ N - No External Card Numbering ☐ S - Sequential Internal/Sequential Non-Matching External ☐ R - Random Internal/Non-Matching Sequential External ☐ A - Sequential Matching Internal/External (Laser Engra ☐ B - Sequential Internal/Sequential Non-Matching External ☐ C - Random Internal/Non-Matching Sequential External	I (Inkjetted) ⁷ ved) ⁴ naI (Laser Engraved) ⁴		Y = iCLASS Programming 12345 = Card ID Number YYYYYYYY-YY = Sales C	
Option - Custom Artwork ¹ Specify Artwork Number –	-	twork Forms for now a	rtwork	
Enter your final card options from check boxes ab			tworkj	
Final Part Number P			- (Options	s #)
iCLASS Card Programming Information				
Bit Numbers (example: 26 bit) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code Internal Card # Start Stop Ex	OEM Co	ode	xample: H10301)	



25 kHz Card Programming Information
t Numbers(example: 26 bit)
ormat Number(example: H10301)
acility Code
sustom Formats) Site Code City Code OEM Code
ternal Card No. Start Stop
xternal Card No. StartStop
pecial Instructions:
or new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.

² Cards ordered with plain white front and back packaging, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.

The ability to add a horizontal slot punch requires a different iCLASS antenna design. Users can expect a read range reduction of approximately 20% if they order option H for the Slot Punch.

Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.
 The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



325 - iCLASS SE Key Ordering Guide

The iCLASS SE contactless smart Key offers read/write capability while leveraging Security Identity Object for increased security. Attach to a key ring or badge clip for convenient use.

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

iCLASS Memory Size and Allocation (C 0 - 2k Bits (256 Bytes) with 2 Application of 1 - 16k Bits (2k Bytes) with 2 Application of 2 - 16k Bits (2k Bytes) with 16 Application of 3 - 32k Bits (4K Bytes) Application areas 4 - 32k Bits (4K Bytes) Application areas	Areas Areas Areas 16k/2+16k/1				
Programming (Check One) ☑ P - Programmed with Security identity Of	oject (SIO)			.24 in [6 mm]	
Front Packaging N - iCLASS Key II - Black with blue insert	Includes HID Standar	d Artwork			1. 55 in [39.4 mm]
Back Packaging ☑ N - None			111	- (Sin Gold
Key Numbering¹ M - Sequential Matching Internal/External N - No External Key Numbering S - Sequential Internal/Sequential Non-Matching Sequential Reproperties of the sequential Matching Internal/External B - Sequential Matching Internal/External C - Random Internal/Non-Matching Sequential Non-Matching Sequential Matching Sequential Matching Sequential Non-Matching Sequential Non-Ma	atching External (Inkjet ential External (Inkjette (Engraved) ² atching External (Engra	d) ⁴ aved) ²	Sł		–1. 25 in [31.75 mm] – Packaging Option N
Enter your final card options from the Final Part Number	above selections. E	Example: 3250PNNMI P	V N	N	l N
That factoring	323				
iCLASS Key Programming Informat	ion				
Bit Numbers (exan Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code		Format Number		ple: H10301)	
Internal Card # Start Stop					
Special Instructions:			<u>.</u> 0.0p	 -	
¹ The external key number is placed on the back of th ² For Laser Engraved external numbers, consult factc ³ Key Ring sold separately (Part Number: 57-0001-02 ⁴ Please note that cards shipped out of Austin, Texas	ry for lead times and cost).		ilable for these card	 ds.	



330 - iCLASS SE Tag Ordering Guide

The iCLASS SE contactless smart Tag offers read/write capability while leveraging Security Identity Object for increased security. iCLASS enable existing credentials or non-metallic devices such as cell phones or PDAs by adhering the iCLASS Tag.

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

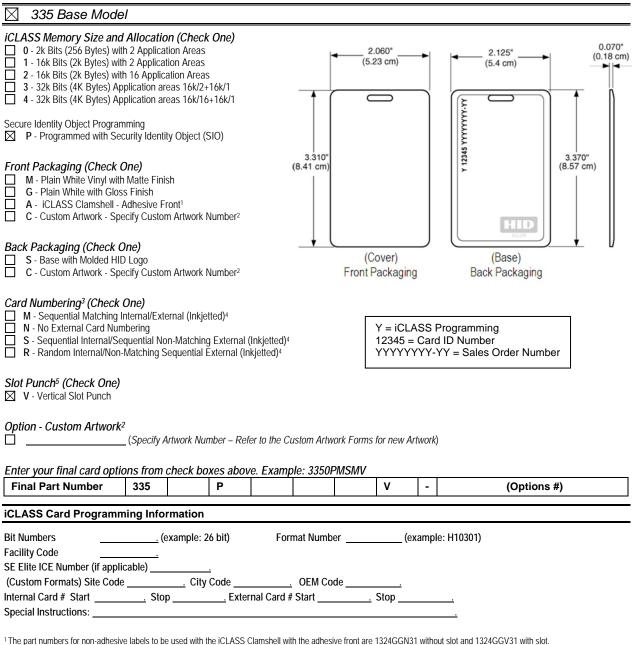
	1									
iCLASS Memory Size and 0 - 2k Bits (256 Bytes) witl 1 - 16k Bits (2k Bytes) witl 2 - 16k Bits (2k Bytes) witl 3 - 32k Bits (4K Bytes) Ap 4 - 32k Bits (4K Bytes) Ap	n 2 Applicat n 2 Applicat n 16 Applica plication are	tion Areas tion Areas ation Areas eas 16k/2+	s +16k/1							
Programming (Check One № P - Programmed iCLASS.		ogramminę	g Informatio	on.						
Front Packaging (Check C S - Gray with HID Standar K - Black with HID Standa C - Custom Artwork - Spe	d Artwork rd Artwork	m Artwork I	Number ²			/				<u> </u>
Back Packaging ☑ S - Adhesive Backing							io	CLA	SS™	1.285" (32.639mm)
Tag Numbering¹ (Check O.	nternal/Exte pering quential No	n-Matchin	g External	(Inkjetted) ⁴ nkjetted) ⁴	ı				<u>///</u>	0.070"
Slot Punch ☑ N - None							Front F	Packa	aging	(1.78 mm)
Option - Custom Artwork		Artwork Nu	mber – Ret	fer to the C	Custom Artw	ork Forms	for new ar	twork)		
	(Specify A						for new ar	twork)		
	(Specify A						for new an	twork)		(Options #)
Enter your final Tag option Final Part Number	(Specify Ans from C	check bo	xes abov		ole: 3302P		1			(Options #)
Enter your final Tag optio Final Part Number iCLASS Tag Programmi	(Specify Ans from common 330 mg Inform	mation	xes abov	e. Examp	ole: 3302P S	PSSNN	N	-		(Options #)
Enter your final Tag optio Final Part Number iCLASS Tag Programmi	(Specify Ans from C	mation	xes abov	e. Examp	ole: 3302P	PSSNN	N	-		(Options #)
Enter your final Tag optio Final Part Number iCLASS Tag Programmi Bit Numbers Facility Code SE Elite ICE Number (if applie	(Specify A ns from c 330 ng Inform (6	mation	xes above P 26 bit)	e. Examp	s S	er	N (e)	-		(Options #)
Enter your final Tag option Final Part Number iCLASS Tag Programmi Bit Numbers Facility Code SE Elite ICE Number (if applied (Custom Formats) Site Code	(Specify A ns from c 330 ng Inform (6	mation example: 2	P 26 bit) Code	e. Examp	mat Numb	er	(e)	- kample	e: H10301)	(Options #)
Enter your final Tag option Final Part Number iCLASS Tag Programmi Bit Numbers Facility Code SE Elite ICE Number (if applied (Custom Formats) Site Code Internal Card # Start	(Specify A ns from c 330 330 330 330 330 330 330 330 330 3	mation example: 2	P 26 bit) Code	e. Examp	mat Numb	er	(e)	- kample	e: H10301)	(Options #)
Enter your final Tag option Final Part Number iCLASS Tag Programmi Bit Numbers Facility Code SE Elite ICE Number (if applied (Custom Formats) Site Code	ns from c 330 ng Inforr (6 cable) Stop on the back tomer Service cards that us	mation City p of the tag. see for custon see full insertice.	26 bit) Code Extern artwork nur	For rnal Card #	rmat Numb OEM Coo # Start	erde	(e)	- kample	e: H10301)	(Options #) Magnetic Stripe
Enter your final Tag optio Final Part Number iCLASS Tag Programmi Bit Numbers Facility Code SE Elite ICE Number (if applie (Custom Formats) Site Code Internal Card # Start Special Instructions: 1 The external tag number is placed 2 For new artwork files, contact Cus order quantities, and cost. 3 The iCLASS Tag is not for use on 4 Please note that cards shipped ou	ns from c 330 ng Inforr (6 cable) on the back tomer Servic cards that us t of Austin, T	mation example: 2 City of the tag. ee for custon se full insertiexas are all	P 26 bit) Code Exter artwork nur ion or tractor ways laser-er	For small Card #	ole: 3302F s rmat Numb OEM Cod # Start imes, minimular adders. signification of the tage and ta	er	(e)	-	e: H10301)	IND.



335 - iCLASS SE Clamshell Card Ordering Guide

Maximized security into installations that do NOT contain standard iCLASS credentials.

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



- 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.
- 4 Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

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390/391 - iCLASS SE/Other HF - Combination Card Ordering Guide

The SIO-Enabled iCLASS with MIFARE or DESFire contactless smart card offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. This card offers maximized compatibility with added security into installations that DO not contain standard iCLASS or MIFARE/DESFire credentials.

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

Base Model	39	00 Sta	ndard	PVC		39	1 Con	nposit	e 40%	6 P	olyest	er / PV	C *		
iCLASS Memory Size ar □ 0 - 2k Bits (256 Bytes) w □ 3 - 32k Bits (4K Bytes) A □ 4 - 32k Bits (4K Bytes) A	vith 2 Applica Application a	ation Area reas 16k	as (only /2+16k/1	available	e with MI	FARE C	LASSIC	1K)		2.125	,	Front I	Packagi	ina	
Card Programming (Che R - SIO Programmed iC P - Programmed iCLASS A - Configured, Non-Pro	LASS & 2 nd S with SIO o ogrammed iC	only not 2 CLASS, S	nd Techno	ology. Sp	ecify Pro	grammir		ation.	,	(5.4 cm	n)			9	
2 nd High Frequency Tecl M - MIFARE 1K Bytes (c N - MIFARE 4K Bytes K - DESFire EV1 8K Byte	only availab			2k bits)						033" 84 cm)	, =		3.370" (8.57 cm	n)	
Front Packaging (Check G - Plain White with Gloo C - Custom Artwork with	ss Finish	sh – Spec	ify Custo	ım Artwoi	rk Numbe	er ¹									
Back Packaging (Check G - Plain White with Glo C - Custom Artwork with 1 - Plain White with Glos 3 - Custom Artwork with	ss Finish ² Gloss Finis Ss Finish wit	h Magnet	tic Stripe	2			vork Num	ıber¹				OPTI 1/2" (HI	IONAL MAGNET COVHIGH ENER 12345 † 125 kHz #	GY - 40000	YYYYYY-YY
iCLASS Card Numbering M - Sequential Matching N - No External Card Nu S - Sequential Internal/No R - Random Internal/No A - Sequential Matching B - Sequential Internal/No C - Random Internal/No	nternal/Ex Imbering Sequential N n-Matching S Internal/Ext Sequential N	ternal (In on-Match Sequenti ternal (La lon-Match	ning Exte al Extern ser Engr ning Exte	al (Inkjett aved) ⁴ rnal (Las	ted)6 er Engra							= Card ID YYYY-YY =		Order N	lumber
Slot Punch ⁵ (Check One, IMPORTANT – Dual High badge holder to attach to No. No. Slot Punch	gh Freque					a slot pi	unch du	e to the	e anten	na d	lesign.	HID recoi	mmends	s usinę	g a
2nd High Frequency Tecl M - Sequential Matching N - No External Card Nu S - Sequential Internal/No R - Random Internal/No A - Sequential Matching B - Sequential Internal/No C - Random Internal/No	Internal/Ex Imbering Sequential N n-Matching I Internal/Ext Sequential N	ternal (In on-Match Sequenti ternal (La lon-Match	kjetted) ⁶ ning Exte al Extern ser Engr ning Exte	rnal (Inkjo al (Inkjett aved) ⁴ rnal (Las	etted) ⁶ led) ⁶ er Engra	ved) ⁴									
Option - Custom Artwork	(Specify								artwork (:)					
Enter your final card opt Final Part Number	tions trom	the abo	ove sele	ections.	Exam	oie: 390	4RNGC	MNM N		-		(Opti	ons #)		



iCLASS Programming Informati	on	2 nd 13.56 MHz Programming Information						
Bit Numbers	. (example: 26 bit)	Bit Numbers	. (example: 26 bit)					
Format Number		Format Number	(example: H10301					
Facility Code		Facility Code						
SE Elite ICE Number (if applicable)		SE Elite ICE Number (if applicable) -	<u> </u>					
(Custom Formats) Site Code C	ity Code	(Custom Formats) Site Code	City Code					
OEM Code		OEM Code						
Internal Card No. Start	Stop	Internal Card No. Start	Stop					
External 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, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.

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

Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards.

Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



395/396 - iCLASS SE/Other 13.56MHz/Prox - Combination Card Ordering Guide

The SIO-enabled card with MIFARE or MIFARE DESFire contactless smart card as well as HID Proximity offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. This card offers maximized compatibility with added security into installations that DO not contain standard iCLASS or MIFARE/DESFire credentials.

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

Base Model	☐ 3	95 Sta	andar	d PV	C		396 C	Comp	oosite	40%	6 Pol	lyes	ter/	PVC	*		
iCLASS Memory Size ar ☐ 0 - 2k Bits (256 Bytes) w ☐ 3 - 32k Bits (4K Bytes) A ☐ 4 - 32k Bits (4K Bytes) A	rith 2 Appli application	cation Ar areas 16	eas (onl k/2+16k	y availal /1	ole with N	ЛIFARE	CLASSI	C 1K)			2.125" (5.4 cm)		Fre	ont Pa	ıckagi	ng	
13.56 MHz Technology C ☐ R - SIO Programmed iCLASS ☐ A - Configured, Non-Pro Information.	LASS & 2 ⁿ S with SIO	d Techno only not	logy. S _l 2 nd Tech	pecify Pr Inology.	ogramm Specify	Program	nming Inf	ormati y Prog	on. Iramming		<u> </u>				_ 3.370"		ر
2nd High Frequency (13.8	only availa										033" 34 cm) =	†	<u> </u>		(8.57 cm)	_
125 kHz Technology Cal P - "HID Prox" Programm C - "Indala/Casi Prox" Promodel N - Initialized 125 kHz To	ned 125 kl rogramme	Hz Techn d 125 kH:	ology. S z Techn	Specify I ology. S	Specify P	rogramn		matio	n								
Front Packaging (Check G - Plain White with Glo C - Custom Artwork with	ss Finish	ish – Spe	cify Cus	stom Art	work Nui	mber¹							MI KI 455	1/2" (HICO/	AL MAGNET HIGH ENER 12345 † 25 kHz #	C STRIPE SY - 4000OE) 12345 YYYYYYYY † iCLASS #	·YY)
Back Packaging (Check G - Plain White with Glo C - Custom Artwork with 1 - Plain White with Glos 3 - Custom Artwork with	ss Finish² Gloss Fin ss Finish w	ith Magn	etic Strip	oe ²			Artwork	Numb	er ¹					rd ID No	umber	rder Numbe	ər
iCLASS Card Numberin ☐ M - Sequential Matching ☐ N - No External Card Nu ☐ S - Sequential Internal/No ☐ R - Random Internal/No ☐ A - Sequential Matching	Internal/E Imbering Sequential n-Matching	xternal (I Non-Mato y Sequen	ching Ex tial Exte	ternal (I rnal (Ink	jetted)6	6		C - I	Sequentia Engraved) Random I Engraved) ⁴ Interna						nal (Laser al (Laser	
Slot Punch ⁵ (Check One,)																
IMPORTANT – Dual Hig badge holder to attach to						w a slo	ot punch	n due	to the a	anten	na de	sign.	HID	recom	mend	s using a	
2nd 13.56 MHz Card Num M - Sequential Matching N - No External Card Nu S - Sequential Internal/S R - Random Internal/S A - Sequential Matching	Internal/E Imbering Sequential n-Matching	xternal (I Non-Mato y Sequen	nkjetted ching Ex tial Exte	ternal (I rnal (Ink	jetted)6	6		C - I	Sequentia Engraved Random I Engraved	l) ⁴ Interna					-	nal (Laser al (Laser	
125 kHz Card Numbering M - Sequential Matching N - No External Card Nu S - Sequential Internal/S R - Random Internal/Noo A - Sequential Matching	g ³ (Check Internal/E Imbering Sequential I n-Matching	k <i>One)</i> xternal (I Non-Mato y Sequen	nkjetted hing Ex tial Exte) ⁶ :ternal (I rnal (Ink	nkjetted) jetted) ⁶	6		C - I	Sequentia Engraved Random I Engraved	l) ⁴ Interna						nal (Laser al (Laser	
Option - Custom Artwor		v Artwork	Numbo	r Dofo	r to the (·uctom :	Artwork F	orme	for new a	rtwork	١						
Enter your final card opt	``	,								ii LVVOI K)						
Final Part Number	10113 11 01	ii iiic at	701030	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13. LAG	Inpic.	570 4 1 IV	N	1 21 21 21				-		(Opti	ons #)	\neg



iCLASS Programming Informati	on
Bit Numbers (example: 26 bit) Format Number (example: H103) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code OEM Code	City Code
Internal Card No. Start External Card No. Start	Stop Stop
2 nd 13.56 MHz Programming Info	ormation
Bit Numbers (example: 26 bit) Format Number (example: H1036 Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code OEM Code Internal Card No. Start	<u></u>
External Card No. Start	Stop
125 kHz Programming Informati	on
Bit Numbers (example: 26 bit) Format Number (example: H103 Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code OEM Code	
Internal Card No. Start External Card No. Start	Stop Stop
 ² Cards ordered with plain white front and back punch target printed on the back of the card. ³ The external card number is placed in the bott ⁴ For Laser Engraved external numbers, consul 	ce for custom artwork number, lead-times, and cost. packaging, or custom artwork, will still have a small HID logo and reference number printed in the lower left-hand corner and a slot tom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card. It factory for lead times and cost. In at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards.

Cards are provided with an optional storpular to additional charge. Some video imaging printers cannot accommodate pre-storpularities
 Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.
 The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



iCLASS SR Credentials

200/210 - iCLASS SR Card Ordering Guide Maximized compatibility with added security into installations that DO contain standard iCLASS credentials. Ensure each required option has been checked with the appropriate choice to fulfill a completed order form. 200 Standard PVC 210 Composite 40% Polyester / PVC* Base Model iCLASS Memory Size and Allocation (Check One) ☐ 0 - 2k Bits (256 Bytes) with 2 Application Areas 3 - 32k Bits (4K Bytes) Application areas 16k/2+16k/1 1 - 16k Bits (2k Bytes) with 2 Application Areas 4 - 32k Bits (4K Bytes) Application areas 16k/16+16k/1 2 - 16k Bits (2k Bytes) with 16 Application Areas Secure Identity Object Programming Standard Programming 2.125 Front Packaging P - Programmed with standard iCLASS Access Control Application (5.4 cm) Front Packaging (Check One) G - Plain White with Gloss Finish C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹ Back Packaging (Check One) ☐ G - Plain White with Gloss Finish² 3.370" C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹ (8.57 cm) 1 - Plain White with Gloss Finish with Magnetic Stripe² 0.033" 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork (0.084 cm) Card Numbering³ (Check One) ■ N - No External Card Numbering S - Sequential Internal/Sequential Non-Matching External (Inkjetted)7 **Back Packaging** R - Random Internal/Non-Matching Sequential External (Inkjetted)⁷ A - Sequential Matching Internal/External (Laser Engraved)4 ☐ B - Sequential Internal/Sequential Non-Matching External (Laser Engraved)⁴ OPTIONAL MAGNETIC STRIP C - Random Internal/Non-Matching Sequential External (Laser Engraved)⁴ 1/2" (HICO/HIGH ENERGY - 40000E) Y 12345 YYYYYYYYYYYY Slot Punch5 (Check One) N - No Slot Punch (Printed location of vertical slot punch will remain) V - Vertical Slot Punch ☐ H - Horizontal Slot Punch⁶ Y = iCLASS Programming 12345 = Card ID Number B - No Slot Punch - Horizontal Punch compatible (Printed location of Vertical and YYYYYYYYY = Sales Order Number Horizontal slot punch will remain)6 Option - Custom Artwork¹ (Specify Artwork Number – Refer to the Custom Artwork Forms for new artwork) Enter your final card options from check boxes above. Example: 2001HPGGNN **Final Part Number** (Options #) iCLASS Card Programming Information Bit Numbers . (example: 26 bit) Format Number _____ (example: H10301) Facility Code SE Elite ICE Number (if applicable) - _ (Custom Formats) Site Code _____. City Code ____ . OEM Code Internal Card # Start _ _. Stop _____. External Card # Start _ Stop_ Special Instructions: _

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Page 20 of 49

 $^{^{\}rm 1}$ 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, or custom artwork, will still have a small HID logo HID 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 slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards.

⁶ The ability to add a horizontal slot punch requires a different iCLASS antenna design. Users can expect a read range reduction of approximately 20% if they order option H for the Slot Punch.

⁷ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

^{*} The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



202/212 - iCLASS SR + Prox Ordering Guide

iCLASS SR + Prox contactless card offers read/write and HID proximity capability in a single card which leverages the SIO data model. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element.

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

Base Model	<u> </u>	2 Stan	dard	PVC		21.	2 C	ompos	site	40	% Pol	yeste	er / PVC *		
iCLASS Memory Size ar 0 - 2k Bits (256 Bytes) w 1 - 16k Bits (2k Bytes) w 2 - 16k Bits (2k Bytes) w 3 - 32k Bits (4K Bytes) A 4 - 32k Bits (4K Bytes) A Secure Identity Object P	ith 2 Applica ith 2 Applica ith 16 Applica pplication a pplication a	ation Area ation Area cation Are reas 16k/2 reas 16k/	s s as 2+16k/1			= Card II					2.125** (5.4 cm)	Front Packagin	g	
			(SIO)		YYYYY	YYYY-YY	= Sal	es Orde	r Nu	mbe	<u> </u>	\			
iCLASS Programming (C ☐ P - Programmed iCLASS ☐ B - Programmed 125 kH	only and P	rox initiali								,	0.033" 0.084 cm)	<u> </u>	3.3 (8.5)	70" ' cm)	
Front Packaging (Check G - Plain White with Glos C - Custom Artwork with	ss Finish	h – Snecii	fy Custo	m Artwor	k Numh	er1				·	,	Ţ			
Back Packaging (Check G - Plain White with Glos C - Custom Artwork with 1 - Plain White with Glos 3 - Custom Artwork with	One) ss Finish ² Gloss Finis ss Finish witl	h – Specii n Magneti	fy Custo c Stripe ²	m Artwor	k Numb	er¹	vork N	umber1					Back Packa	ENETIC STRIPE	
iCLASS Card Numberin ☐ M - Sequential Matching ☐ N - No External Card Nu ☐ S - Sequential Internal/Not ☐ R - Random Internal/Not ☐ A - Sequential Matching	g ³ (Check Internal/Ext mbering equential No n-Matching S	One) ernal (Ink on-Matchi Sequentia	jetted) ⁶ ng Exter I Externa	rnal (Inkje al (Inkjett	etted) ⁶			B - Sequ (Lase	er Eng dom I	grave Interr	ed)4 ial/Non-N		12345 † 125 kH I Non-Matching Ex ng Sequential Exter	ernal	#
Slot Punch ⁵ (Check One, H - Horizontal Slot Punch V - Vertical Slot Punch N - No Slot Punch (This location of Vertical al) h ⁶ card can be	slotted ve	ertically ((Printed				C - No S	Slot F	Puncl	n - Horizo		lottable Punch com t punch will remain		rinted
125 kHz Card Numbering M - Sequential Matching N - No External Card Nu S - Sequential Internal/No R - Random Internal/No A - Sequential Matching	Internal/Ext mbering equential No n-Matching S	ernal (Ink on-Matchi Sequentia	ng Exter	al (Inkjett				(Lase	er Eng dom I	grave Interr	ed)4 nal/Non-N		I Non-Matching Ex		
Option - Custom Artwork	(Specify i								ew a	artwoi	⁻ k)				
Enter your final card opt	ions from	the abo	ve sele H	ctions.	Exam	ple: 202.	2HPC	GNNN	-				(Options #)		1
iCLASS Programming		on					D.: 1						nformation		
Bit Numbers (examp		01\						lumbers							
Format Number (example facility Code	пріе. птоз	UI)						nat Numl lity Code			_ (ехапц	ле. пт	0301)		
SE Elite ICE Number (if app	licable) -							,	_		e Code		City Code		
(Custom Formats) Site Cod								Code _			_	·	on, sous		
OEM Code		-											ор		
Internal Card No. Start												. Sto	op		
External Card No. Start 1 For new artwork files, contact Cu	-		m orters	k numba-	load time	ne and ac-	-	cial Instr	uctic	ons:	·				
 For new all work files, contact of a Cards ordered with plain white from punch target printed on the back The external card number is planted for Laser Engraved external number is Cards are provided with an optic Please note that cards shipped 	ont and back of the card. ced in the bott mbers, consul anal slot punct	packaging, om right-ha t factory foi n at no addi	or custor and corne lead time itional cha	m artwork, or for iCLA es and cos arge. Som	will still h SS 13.56 st. e video in	nave a sma MHz and in naging prin	II HID Io n the bo ters ca	ottom cent nnot accor	er for	125 l date p	Hz Proxin	nity on t	he back of the card.	nd corner ar	nd a slot
* The composite construction is re												ering.			



205 - iCLASS SR Key Ordering Guide

The iCLASS SE contactless smart Key offers read/write capability. Attach to a key ring or badge clip for convenient use. This key has supports for SIO (Security Identity Object) for added security but is also compatible added with installations that DO contain standard iCLASS credentials.

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

Base Model 205 Base I	Model					
iCLASS Memory Size and Allocation (CI 0 - 2k Bits (256 Bytes) with 2 Application A 1 - 16k Bits (2k Bytes) with 2 Application A 2 - 16k Bits (2k Bytes) with 16 Application A 3 - 32k Bits (4k Bytes) Application areas 16 4 - 32k Bits (4k Bytes) Application areas 16	reas reas Areas 6k/2+16k/1					
Secure Identity Object Programming ☐ H - Programmed with Security Identity Object	ect (SIO)		**	24 in [6 mm]		
Front Packaging N - iCLASS Key II - Black with blue insert. I Back Packaging N - None Key Numbering¹ M - Sequential Matching Internal/External (N - No External Key Numbering S - Sequential Internal/Sequential Non-Mat R - Random Internal/Non-Matching Sequential A - Sequential Matching Internal/External (B - Sequential Internal/Sequential Non-Mat C - Random Internal/Non-Matching Sequential Non-Mat C - Random Internal/Non-Matching Sequential Non-Matching Sequential Non-Mat	(Inkjetted) ⁴ tching External (Inkje tital External (Inkjette Engraved) ² tching External (Engr	etted) ⁴ ed) ⁴ raved) ²			-1. 25 in [31.75 mr Packaging Opt	
Enter your final card options from the a Final Part Number	bove selections. I	Example: 2052HNNMN H	N	N		N
		П	IN .			IN .
iCLASS Key Programming Information	on					
Bit Numbers (example: 26 bit) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Co Internal Card # Start Stop Special Instructions:	de OEM Co External Card # :					

Page 22 of 49

¹The external key number is placed on the back of the key. ² For Laser Engraved external numbers, consult factory for lead times and cost.

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

⁴ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.



206 - iCLASS SR Tag Ordering Guide

The iCLASS contactless smart Tag offers read/write capability. iCLASS enable existing credentials or non-metallic devices such as cell phones or PDAs by adhering the iCLASS Tag. This tag carries SIO (Security Identity Object) for added security but is still compatible with installations that DO support standard iCLASS credentials.

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

	I								
iCLASS Memory Size and ☐ 0 - 2k Bits (256 Bytes) witl ☐ 1 - 16k Bits (2k Bytes) witl ☐ 2 - 16k Bits (2k Bytes) witl ☐ 3 - 32k Bits (4K Bytes) Ap ☐ 4 - 32k Bits (4K Bytes) Ap	n 2 Applicat n 2 Applicat n 16 Applica plication are	tion Areas tion Areas ation Areas eas 16k/2+	s +16k/1					_	1.285"
Secure Identity Object Pro ☐ H - Programmed with Sec			SIO)					iCI	LASS (32.639mm)
Front Packaging (Check C S - Gray with HID Standar K - Black with HID Standa C - Custom Artwork - Spe	d Artwork rd Artwork	m Artwork N	Number ²				\ \		///
Back Packaging ☑ S - Adhesive Backing							Fr	ront F	Packaging
Tag Numbering¹(Check O M - Sequential Matching In N - No External Tag Numb S - Sequential Internal/Se R - Random Internal/Non-	nternal/Exte pering quential No	n-Matching	g External	. , ,					
Slot Punch ☑ N - None									
Option - Custom Artwork		Artwork Nur	mber – Re	fer to the Cu	ustom Artı	work Forms	for new ar	twork)	
Enter your final Tag optio	ns from c	heck box	xes abov	e. Examp	le: 2062	CSSNN	1		
Final Part Number	206		Н		S		N	-	(Options #)
iCLASS Tag Programmi	ng Inforr	mation							
Bit Numbers (example facility Code SE Elite ICE Number (if applie (Custom Formats) Site Code Internal Card # Start Special Instructions:	cable) Cit Stop on the back	ty Code Externa of the tag.	OE al Card # \$	M Code Start	 . Stop				
 For new artwork files, contact Cus order quantities, and cost. The ICLASS Tag is not for use on Please note that cards shipped ou not available for these cards. 	cards that us t of Austin, T	se full inserti exas are alv	ion or tractor ways laser-e	r feed type re engraved. Inkj	aders. jetted option	n is			KCL4SS* Magnetic Stripe
Do not adhere to metal su inoperable. Due to variation	ons in car	rds and r	eading d	levices, H	IID does	not	Co	ontact S	mart Chip Magnetic Swipe card

claim that the iCLASS Tag will work in every situation. Functional and non-functional iCLASS Tags are available for compatibility testing with existing credential and reader technologies. Compatibility should be confirmed prior to ordering.



208 - iCLASS SR Clamshell Card Ordering Guide

Maximized compatibility with added security into installations that DO contain standard iCLASS credentials. Ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

∠ 208 Base Mod	el											
iCLASS Memory Size an ☐ 0 - 2k Bits (256 Bytes) w ☐ 1 - 16k Bits (2k Bytes) w ☐ 2 - 16k Bits (2k Bytes) w ☐ 3 - 32k Bits (4K Bytes) A ☐ 4 - 32k Bits (4K Bytes) A	rith 2 Appli rith 2 Appli rith 16 App application	cation Are cation Are lication Ar areas 16k	as as eas (/2+16k/1)				060" 3 cm)		2.125" (5.4 cm)		0.070" (0.18 cm)
Secure Identity Object P H - Programmed with Se			t (SIO)			1		\rightarrow		W-YY		
Standard Programming P - Programmed with st Application.	-			rol		3.310"				Y 12345 YYYYYYY-YY	3.370"	
Front Packaging (Check M - Plain White Vinyl wit G - Plain White with Glo A - iCLASS Clamshell - C - Custom Artwork - Sp	h Matte Fi ss Finish Adhesive	Front ¹	rk Numbe	:r ²	(8.	41 cm)				HI	(8.57 cr	n)
Back Packaging (Check ☐ S - Base with Molded HI ☐ C - Custom Artwork - Sp	D Logo	om Artwor	·k Numbe	ır²	-	 	(Co	over)	na	(Base) Back Packa	nging .	IJ
Card Numbering³ (Check	Internal/E Imbering Sequential n-Matching	Non-Matcl	hing Exte							S Programming]
✓ V - Vertical Slot Punch	,									ard ID Number Y-YY = Sales O	rder Number	
Option - Custom Artworn	(Specify						k Forms fo	r new A	Artwork)			1
Enter your final card opt Final Part Number	208	II CHECK	H	P	хапіріе.	2000011	GSIVIV	V	-		(Options #)	
iCLASS Card Program	ming Inf	ormatic	n									
Bit Numbers (example facility Code SE Elite ICE Number (if apple (Custom Formats) Site Cod Internal Card # Start Special Instructions:	licable) _ e . Stop	 City Co	ode		/I Code _							
¹ The part numbers for non-adhes							front are 13	24GGN	31 without sl	lot and 1324GGV31 w	ith slot.	

- 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.
- ⁴ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.



232/242 - iCLASS SR/Other HF - Combination Card Ordering Guide

SIO-Ready (SR) with MIFARE or DESFire contactless smart card offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. This card provides maximized compatibility with added security into installations that DO contain standard iCLASS/MIFARE credentials.

For MIFARE Classic: This credential is only delivered with MIFARE Classic UID on 4 Bytes long only (32 Bit). It is not available with 7 bytes UID for Classic, only for DESFire EV1.

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

Base Model		232 Sta	ndard	PVC] 24	2 C	om	posit	e 409	% F	Po	lyester / PVC *
iCLASS Memory Size and 0 - 2k Bits (256 Bytes) wit 3 - 32k Bits (4K Bytes) Ap 4 - 32k Bits (4K Bytes) Ap	th 2 Ap oplication	oplication Are on areas 16	eas (only a k/2+16k/1	available	with MIF	ARE CL	ASSIC	C 1K))		2.125' 5.4 cm		Front Packaging
Secure Identity Object Pro H - Programmed with Sec I - Programmed with SIO J - Programmed with SIO	curity Identit	dentity Object ty Object (SI	O) for 2 nd	technolo	gy only	ogy					<u> </u>		3.370"
2 nd High Frequency Techn M - MIFARE 1K Bytes (or N - MIFARE 4K Bytes K - DESFire EV1 8K Byte	nly ava			2k bits)	12345 =	Card II) Nun	nber		0.03		1	(8.57 cm)
Front Packaging (Check C G - Plain White with Gloss C - Custom Artwork with C	s Finisl		cify Custo	om Artwo	YYYYYY		= Sa	les	Order N	lumber			OPTIONAL MAGNETIC STRIPE 1/2" (HICOHIGH ENERGY - 40000E)
Back Packaging (Check C G - Plain White with Gloss C - Custom Artwork with G 1 - Plain White with Gloss 3 - Custom Artwork with C	s Finisl Gloss F s Finish	Finish – Spe n with Magne	etić Stripe	2			work N	Num	ber ¹				12345 12345 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
iCLASS Card Numbering M - Sequential Matching I N - No External Card Nun S - Sequential Internal/Se R - Random Internal/Non A - Sequential Matching I	Interna nbering equenti -Match	ıl/External (lı g ial Non-Mato ıing Sequent	hing Exte	al (Inkjett					Engrav	ed)4 n Intern			equential Non-Matching External (Laser Matching Sequential External (Laser
Slot Punch ⁵ (Check One) IMPORTANT – Dual High badge holder to attach th						a slot p	unch	due	e to the	e antei	nna	de	esign. HID recommends using a
N - No Slot Punch 2nd High Frequency Techn M - Sequential Matching I N - No External Card Nun S - Sequential Internal/Se R - Random Internal/Non- A - Sequential Matching I	Interna nbering quenti -Match	il/External (Ir g ial Non-Matc iing Sequent	nkjetted) ⁶ hing Exte ial Extern	rnal (Inkj al (Inkjeti	etted)6				Engrav	ed)⁴ n Intern			equential Non-Matching External (Laser Matching Sequential External (Laser
Option - Custom Artwork ———————————————————————————————————	_(Spe	cify Artwork								v artwor	rk)		
Final Part Number	0113 11	on the ab	- Jove 3 e 10	CHOHS.	LAGITIP	110. ZJZ	71110	301	N		-	-	(Options #)



2nd 13.56 MHz Programming Information iCLASS Programming Information Bit Numbers . (example: 26 bit) Bit Numbers . (example: 26 bit) Format Number (example: H10301) Format Number (example: H10301) **Facility Code Facility Code** (Custom Formats) Site Code . City Code iCLASS Elite ICE Number (if applicable) **OEM Code** (Custom Formats) Site Code City Code **OEM Code** Internal Card No. Start . Stop Internal Card No. Start . Stop External Card No. Start . Stop External Card No. Start **Special Instructions:** . Stop

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, or custom artwork, will still have a small HID logo ### and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.

³ The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card.

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

For case Englaved external numbers, consult factory for lead unless and costs.
 Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards.
 Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.
 The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



252/262 - iCLASS/LEGIC/Prox - Combination Card Ordering Guide

The iCLASS with LEGIC[®] contactless smart card as well as HID Proximity offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element.

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

Base Model	25	2 Star	ndard	PVC] 26	2 Con	nposit	e 40%	6 Poly	este	er / PVC *	
iCLASS Memory Size an 3 - 32k Bits (4K Bytes) A 4 - 32k Bits (4K Bytes) A	application a	reas 16k/	2+16k/1)						_		3.370° (8.57° cm)	
Secure Identity Object P ☑ H - Programmed with Se			(SIO) fo	r iCLASS	Sonly								
2nd High Frequency (13. ☑ 0 - LEGIC prime 1024	.56 MHz) 1	echnolo	ogy							.125" .4 cm)		Front Packaging	
125 kHz Technology Car P - "HID Prox" Programr C - "Indala/Casi Prox" Pr N - Initialized 125 kHz To	ned 125 kHz rogrammed	z Technol 125 kHz	logy. Sp Technolo	ecify Pro ogy. Spe	cify Prog	ramming	ation. Informat	ion.	(0.084 cm)			Shared Card Edge	TOP
Front Packaging (Check G - Plain White with Glos C - Custom Artwork with	ss Finish	h - Specií	fy Custo	m Artwor	k Numbe	er1			m)			Back Packaging	
Back Packaging (Check G - Plain White with Glos C - Custom Artwork with 1 - Plain White with Glos 3 - Custom Artwork with	ss Finish² Gloss Finis ss Finish witl	h Magneti	ic Stripe	2			work Num	nber¹			45 – (12345 2#12345 ************************************	
												YY-YY = Sales Order Number	
iCLASS Card Numbering	Internal/Ext Imbering Sequential Non-Matching S	ternal (Ink on-Match Sequentia	ing Exte al Extern	al (Inkjet	etted) ⁵ led) ⁵		Engrav	ed) ⁴ - Randor				Non-Matching External (Laser g Sequential External (Laser	
Slot Punch (Check One)													
IMPORTANT – Dual Hig badge holder to attach to						a slot pi	unch du	ie to the	e anten	na des	ign. I	HID recommends using a	
N - No Slot Punch		•											
2 nd 13.56 MHz Card Num N - No External Card Nu													
125 kHz Card Numbering M - Sequential Matching N - No External Card Nu S - Sequential Internal/No R - Random Internal/No A - Sequential Matching	Internal/Ext Imbering Sequential Non-Matching S	ternal (Ink on-Match Sequentia	ing Exte al Extern	al (Inkjet			Engrav	ed) ⁴ - Randor		·		Non-Matching External (Laser g Sequential External (Laser	
Option -Custom Artwork ☐	₍ 1 _ Specify Ar	twork Nur	mber – F	Refer to tl	ne Custo	m Artwor	k Forms	for new a	ırtwork				
Enter your final card opt	ions from	the abo			Examp	le: 252	4HOPG	GMNNN			1 1		
Final Part Number			Н	0					N	N		(Options #)	



iCLASS Programming Information
Bit Numbers (example: 26 bit)
Format Number (example: H10301)
Facility Code
iCLASS Elite ICE Number (if applicable)
(Custom Formats) Site Code City Code
OEM Code
Internal Card No. Start Stop.
External Card No. Start Stop

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:
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, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand on the back of
the card.
The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card.
For Laser Engraved external numbers, consult factory for lead times and cost.
⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

 $^{^{\}star}$ The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



252/262 - iCLASS/Other 13.56 MHz (except LEGIC)/Prox - Combination Card Ordering Guide

The iCLASS with MIFARE or DESFire contactless smart card as well as HID Proximity offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element.

For MIFARE Classic: This credential is only delivered with MIFARE Classic UID on 4 Bytes long only (32 Bit). It is not available with 7 bytes UID for Classic, only for DESFire EV1.

Ensure each required option has been checked with the appropriate choice to fulfill a completed order form. 252 Standard PVC 262 Composite 40% Polyester / PVC * Base Model iCLASS Memory Size and Allocation (Check One) 0 - 2k Bits (256 Bytes) with 2 Application Areas (only available with MIFARE CLASSIC 1K) 3 - 32k Bits (4K Bytes) Application areas 16k/2+16k/1 4 - 32k Bits (4K Bytes) Application areas 16k/16+16k/ Secure Identity Object Programming ☐ H- Programmed with Security Identity Object (SIO) for J - Programmed with SIO Identity Object (SIO) iCLASS (iCLASS SR) iCLASS SR only and 2nd technology programmed with SIO only ☐ I - Programmed with SIO Identity Object only (SIO) for K - Programmed with SIO Identity Object (SIO) iCLASS (iCLASS SR) 2nd technology only and 2nd technology programmed (non SIO) 2nd High Frequency (13.56 MHz) Technology (Check One) ☐ M - MIFARE 1K Bytes (only available with iCLASS 2k bits) ■ N - MIFARE 4K Bytes ☐ K - DESFire EV1 8K Bytes 125 kHz Technology Card Programming (Check One) P - "HID Prox" Programmed 125 kHz Technology. Specify Programming Information C - "Indala/Casi Prox" Programmed 125 kHz Technology. Specify Programming Information N - Initialized 125 kHz Technology. Programming Information Not Required Front Packaging (Check One) ☐ G - Plain White with Gloss Finish C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹ Back Packaging (Check One) ☐ G - Plain White with Gloss Finish² ■ 1 - Plain White with Gloss Finish with Magnetic Stripe² C - Custom Artwork with Gloss Finish -3 - Custom Artwork with Gloss Finish with Magnetic Stripe -Specify Custom Artwork Number¹ Specify Custom Artwork Number¹ iCLASS Card Numbering³ (Check One) ■ B - Sequential Internal/Sequential Non-Matching External (Laser N - No External Card Numbering Engraved)4 S - Sequential Internal/Sequential Non-Matching External (Inkjetted)⁵ ☐ C - Random Internal/Non-Matching Sequential External (Laser R - Random Internal/Non-Matching Sequential External (Inkjetted)⁵ Engraved)4 ☐ A - Sequential Matching Internal/External (Laser Engraved)⁴ Slot Punch⁵ (Check One) IMPORTANT - Dual High Frequency credentials do not allow a slot punch due to the antenna design. HID recommends using a badge holder to attach this card to a lanyard or badge clip. N - No Slot Punch 2nd 13.56 MHz Card Numbering³ (Check One) ■ B - Sequential Internal/Sequential Non-Matching External (Laser ■ N - No External Card Numbering Engraved)4 S - Sequential Internal/Sequential Non-Matching External (Inkjetted)⁵

R - Random Internal/Non-Matching Sequential External (Inkjetted)⁵ ☐ C - Random Internal/Non-Matching Sequential External (Laser Engraved)4 ☐ A - Sequential Matching Internal/External (Laser Engraved)⁴ 125 kHz Card Numbering³ (Check One) ■ B - Seguential Internal/Seguential Non-Matching External (Laser N - No External Card Numbering Engraved)4 S - Sequential Internal/Sequential Non-Matching External (Inkjetted)⁵ C - Random Internal/Non-Matching Sequential External (Laser ☐ R - Random Internal/Non-Matching Sequential External (Inkjetted)⁵ Engraved)4 A - Sequential Matching Internal/External (Laser Engraved)⁴ Option - Custom Artwork¹ (Specify Artwork Number - Refer to the Custom Artwork Forms for new artwork) Enter your final card options from the above selections. Example: 2524HNGGNNN

ASSA ABLOY

Final Part Number

An ASSA ABLOY Group program

(Options #)



iCLASS Programming Information
Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code iCLASS Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop. External Card No. Start Stop
2 nd 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:
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:
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, or custom artwork, will still have a small HID logo the card. ³ The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card. ⁴ For Laser Engraved external numbers, consult factory for lead times and cost. ⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

Page 30 of 49

^{*} The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



600 - UHF Card Ordering Guide

The iCLASS with UHF (Ultra High Frequency: 860-960 MHz) contactless smart card is designed for long read range (parking, gate, healthcare...) Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. DTC printing on these cards is not recommended.

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

Base Model	☐ 60	00 Coi	mposi	te 40%	6 Poly	ester	/P\	/C *						
X T − UHF Programmed with N − UHF Not Programme				i.										
Front Packaging (Check	One)								2.125" (5.4 cm)					
☐ G - Plain White with Gloss☐ C - Custom Artwork with C		ı – Speci	fy Custor	n Artwork	k Number	1						3.370"		
Back Packaging (Check	One)								+	-		(8.57) cm		
G - Plain White with Gloss C - Custom Artwork with C 1 - Plain White with Gloss 3 - Custom Artwork with G	Gloss Finish Finish with	Magneti	c Stripe ²				work i	Number ¹	0.084 cm					
UHF Card Numbering ³ (Check	k One)													
N - No External Card Num A - Sequential Matching Ir B - Sequential Internal/Se C - Random Internal/Non-	nternal/Exte quential No	n-Match	ing Exteri	nal (Lase						© HID	UHF	OPTIONAL MAGNETIC STRIP 19° (HICO)HIGH ENERGY -400 1234	(5 YYYYYYY - YY =	Y-YY = Sales Order Num
Slot Punch (Check One) ☑ N - No Slot Punch														
Option - Custom Artwork	_(Specify /							orms for nev	v artwork)				
Enter your final card opti	ons from	the ab	ove sele	ections.	⊨xam	N N	01G(1	(Option	ns #)				

OHE Programming information				
Bit Numbers ⁶	(example: 26 bit)			
ormat Number (example: H10301)				
Facility Code				
(Custom Formats) Site Code	City Code			
OEM Code				
Internal Card No. Start	Stop			
External Card No. Start	Stop			
Charial Instructions				

 $^{^{\}rm 1}\mbox{For new artwork files},$ contact Customer Service for custom artwork number, lead-times, and cost.

² Cards ordered with plain white front and back packaging, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand on the back of

³ The external card number is placed in the bottom right-hand corner for UHF

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

⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

⁶ Number of bits should remain below 120 bits

^{*} The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



601 - iCLASS/ 2^{nd} Technology (UHF) - Combination Card Ordering Guide

The iCLASS with UHF (Ultra High Frequency: 860-960 MHz) contactless smart card offers new applications for long read range (parking, gate, healthcare...) while leveraging investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. **DTC printing on these cards is not recommended**.

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

Base Model	☐ 601 Coi	mposite 409	% Poly	ester/	/ PVC	, *				
iCLASS Memory Size an 1 - 16k Bits (2k Bytes) wi 2 - 16k Bits (2k Bytes) wi 3 - 32k Bits (4K Bytes) A 4 - 32k Bits (4K Bytes) A T - UHF Programmed witl SIO payloads. N - UHF Not Programmed and SIO payloads	th 2 Application Are th 16 Application Ar pplication areas 164 pplication areas 164 n Secure Identity Of d with Secure Identi	as eas x/2+16k/1 x/16+16k/ oject. iCLASS pro	-	_	-	2.125"	(3.4 cm)			
Front Packaging (Check G - Plain White with Gloss C - Custom Artwork with G	Finish	fy Custom Artwoi	rk Number	1			· F	ļ	3.370" (8.57) cm	-
Back Packaging (Check of Grand Packaging) Grand - Plain White with Gloss Grand - Crustom Artwork with Grand - Crustom - Cru	Finish ² Gloss Finish – Speci Finish with Magneti	c Stripe ²			vork	000	(0.084 cm)			
UHF Card Numbering³ (Check N - No External Card Num A - Sequential Matching Ir B - Sequential Internal/Sec C - Random Internal/Non-	bering hternal/External (Las quential Non-Match	ing External (Las						W" (HICD ICLASS UHF	ICLASS	2345 YYYYYYYYYYY SR/ H UHF Sales Order Number
Slot Punch (Check One) ☑ N - No Slot Punch										
iCLASS Card Numbering ☐ N - No External Card Num ☐ A - Sequential Matching Ir ☐ B - Sequential Internal/Sec ☐ C - Random Internal/Non-	bering hternal/External (Las quential Non-Match	ing External (Las								
Option - Custom Artwork	¹ _(Specify Artwork N	lumber – Refer to	o the Custo	om Artwo	ork Form	s for new	artwo	ork)		
Enter your final card opti		1	. Examp	ole: 601		NNN				
Final Part Number	601	Т			N		-	(Options	#)	
iCLASS Programming Inf										
Bit Numbers										
Format Number Facility Code		(example: I	110301)							
iCLASS Elite ICE Number (if	applicable)									
(Custom Formats) Site Cod		City Code								
OEM Cod	le		·							
Internal Card No. Start	St	op	·							
External Card No. Start	Si	op								
PIN: Sequential: Start #	L Rar	iaom: Length								



iCLASS SE How To Order Guide - D00545, D.3

UHF Programming Information	
Bit Numbers ⁶	. (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	
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, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand on the back of the card.

³The external card number is placed in the bottom right-hand corner for UHF and iCLASS 13.56 and in the bottom center

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

⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

⁶ Number of bits should remain below 120 bits

^{*} The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



LEGIC Multi-technology Credentials

292/295 - LEGIC/Other 13.56MHz/Prox - Combination Card Ordering Guide

The LEGIC with SIO enabled solution for MIFARE DESFire contactless smart card as well as HID Proximity offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element.

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

Base Model	2	292 St	andar	d PVC	<u> </u>		295 C	ompo	site 4	!0% F	Polye	este	er / PVC *
LEGIC High Frequency ☑ 0 - LEGIC prime 1024		ogy								,			3.370° (8.57 cm)
Secure Identity Object S - 1st technology blan N - Card blank - neither	nk, 2nd tech	inology S		ammed									Front Packaging
2 nd High Frequency (13		Techno	logy							.125* 4 cm)			3
125 kHz Technology C P - "HID Prox" Prograt C - "Indala/Casi Prox" N - Initialized 125 kHz	mmed 125 k Programme	:Hz Tech ed 125 kH	nology. S Iz Techno	Specify Fology. S	pecify Pr	ogramm		mation	(0.0)				
Front Packaging (Chec G - Plain White with G C - Custom Artwork w	loss Finish	nish – Sp	ecify Cus	stom Artv	vork Nun	nber¹			(0.084 cm)				Shared Card Edge
Back Packaging (Chec G - Plain White with G C - Custom Artwork w 1 - Plain White with G 3 - Custom Artwork wi Number¹	iloss Finish² ith Gloss Fir loss Finish v	nish – Sp vith Magr	netić Strip	oe ²			Artwork						Back Packaging
LEGIC Card Numberin ☑ N - No External Card												= Ca	ard ID Number /-YY = Sales Order Number
Slot Punch													
IMPORTANT – Dual F badge holder to attach						v a sloi	t punch	due to	the an	itenna	desig	gn. F	HID recommends using a
N - No Slot Punch													
2 nd 13.56 MHz Card Nu	ng Internal/E Numbering I/Sequential Jon-Matchin	External (Non-Mai g Sequei	Inkjetted tching Ex ntial Exte	ternal (Ir rnal (Inkj	etted)5			Enç C - Rar	raved)4		Ċ		Non-Matching External (Laser g Sequential External (Laser
125 kHz Card Numberi M - Sequential Matchi N - No External Card I S - Sequential Interna R - Random Internal/N A - Sequential Matchi	ng Internal/E Numbering I/Sequential Jon-Matchin	External (Non-Mai g Sequei	tching Ex	ternal (Ir rnal (Inkj	etted)5			Enç C - Rar	raved)4				Non-Matching External (Laser g Sequential External (Laser
Option -Custom Artwo		Artwork i	Number –	- Refer to	the Cus	stom Artı	work Fori	ns for ne	ew artwo	ırk.			
Enter your final card o	ptions fro	m the a	bove se	election	s. Exan	nple: 2	920SKI	PGGNN	INN				
Final Part Number		0		K				N	N			-	(Options #)



LEGIC Programming Information (no programming possible in this version)

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

December 2014

² Cards ordered with plain white front and back packaging, or custom artwork, will still have a small HID logo HID and reference number printed in the lower left-hand on the back of the card.

³The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card. ⁴For Laser Engraved external numbers, consult factory for lead times and cost. ⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

^{*} The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.



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293/296 - LEGIC/Other HF - Combination Card Ordering Guide

The LEGIC with SIO enabled solution for MIFARE DESFire contactless smart card offers multiple High Frequency technologies to simplify card issuance for diverse systems or migration projects. Add new applications while leveraging your investment in existing access control systems. Personalize the card with a photo ID, magnetic stripe, barcode, or anti-counterfeiting element. This card provides maximized compatibility with added security into installations that do contain standard LEGIC/DESFire credentials.

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

Base Model		293 Sta	ndard F	PVC] 29	6 Cor	nposit	e 40%	6 P	olyester / PVC *
LEGIC High Frequency T ☑ 0 - LEGIC prime 1024	^r echnol	ogy									3.370° (8.57 cm)
Secure Identity Object P S - 1st technology blank N - Card blank - neither	, 2nd tech	nology SIC									
2 nd High Frequency (13.5			ogy						2.125° 5.4 cm)		Front Packaging
Front Packaging (Check G - Plain White with Glos C - Custom Artwork with	ss Finish	nish – Spec	cify Custom	Artwor	k Numbe	er1					
Back Packaging (Check G - Plain White with Glos C - Custom Artwork with	ss Finish2		cify Custom	Artwor	·k Numb	ar1		(0.084 cm)			Shared Card Edge
1 - Plain White with Glos 3 - Custom Artwork with Number¹	s Finish v	vith Magne	tic Stripe ²				ork	J		,	
LEGIC Card Numbering ³ ☑ N - No External Card Nu											Back Packaging
Slot Punch											
IMPORTANT – Dual Hig due to the antenna desig this card to a lanyard or ☑ N - No Slot Punch	gn. HID	recomme								12	12345 2±12345 VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV
2 nd High Frequency Tech M - Sequential Matching N - No External Card Nu S - Sequential Internal/So R - Random Internal/Noo A - Sequential Matching	Internal/I mbering equential n-Matchin	External (In Non-Matcl g Sequenti	kjetted) ⁵ ning Externa al External	al (Inkje (Inkjett	etted) ⁵			Engrav	red)4 m Interna		equential Non-Matching External (Laser n-Matching Sequential External (Laser
Option - Custom Artwork		y Artwork N	lumber - Re	efer to t	he Custo	om Artwoi	k Forms	for new	artwork)		
Enter your final card opt	ions fro	m the ab	ove selec	tions.	Examp	le: 2930	SKGG	NNN	1		
Final Part Number		0		K			N	N		-	(Options #)
LEGIC Programming Info	ormation	n (no pro	gramming	1 DOSS	ible in	this ver	sion)				
g		т (то рто,	3	, , , , , ,			,				
2 nd 13.56 MHz Program	ming Ir	nformatio	on								
Bit Numbers Format Number (exa	mple·H10	1301)	.(exam	nple:26	bit)						Stop Stop
Facility Code					<u>.</u>			l Instruc			
(Custom Formats) Site Cod OEM Cod			ity Code _								
¹ For new artwork files, contact Cu ² Cards ordered with plain white fr								HID a	nd referer	ice ni	mber printed in the lower left-hand on the back of

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

Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

The composite construction is recommended for all cards with over-laminate applied. Consult with the printer manufacturer prior to ordering.

Page 36 of 49

the card.

³ The external card number is placed in the bottom right-hand corner for iCLASS 13.56 MHz and in the bottom center for 125 kHz Proximity on the back of the card.



SIO-Enabled Technology for MIFARE Classic Credentials

340/345 - MIFARE Classic Card Ordering Guide

Encompasses the industry's broadest range of open standard contactless smart card products. Provides the memory structure and capacity to store multiple applications on a single credential.

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

Secure Identity Object Programming P - Programmed with Security Identity Object (SIO) Priorn Packaging (Check One) G - Pain White with Glass Finish - Specify Custom Artwork Number	Ensure each required option has been checked with the appropriate choice	to runni a completed order form.
P-Programmed with Security Identity Object (SIO) Front Packaging (Check One) C-Plain White with Gloss Finish Specify Custom Artwork Number! (8.4 cm) Front Packaging G-Plain White with Gloss Finish Specify Custom Artwork Number! (8.4 cm) G-Plain White with Gloss Finish Stripe! S-Standard HID Mif ARE Artwork with Magnetic Stripe G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Artwork Number! 3.370" G-Plain White with Gloss Finish Specify Custom Matching Geopath 3.370" G-Plain White with Gloss Finish Specify Custom Matching Geopath 3.370" G-Plain White with Gloss Finish 3.370" 3.370" G-Sequential Matching Geopath 3.370" 3.370" G-Sequential Matching Geopath 3.370" 3.370" 3.370" G-Sequential Matching Geop	☐ 3400 (1K) Standard PVC ☐	3406 (4K) Standard PVC 3456 (4K) Composite Polyester 40% / PVC
Front Packaging (Check One) G - Plain White with Closs Finish - Specify Custom Artwork Number¹ Back Packaging (Check One) G - Plain White with Closs Finish - Specify Custom Artwork Number¹ S - Standard HID Mif-Rate Artwork with Magnetic Stripe² C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number¹² S - Standard HID Mif-Rate Artwork with Magnetic Stripe² C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number¹² S - Custom Artwork with Gloss Finish - Specify Custom Artwork Number¹² S - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Standard Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Standard Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Standard Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Standard Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Using Civil Maching General Graph Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹² L - Using Civil Maching General (Inkjetted)² N - Sequential Internal Sequential Non-Matching Sequential External (Inkjetted)² R - Random Internal/Non-Matching Sequential External (Inkjetted)² R - Random		1
G - Plain While with Gloss Finish? S - Standard HID MIFARE Artwork with Magnetic Stripe? 1 - Plain While with Gloss Finish with Magnetic Stripe? 2 - Standard HID MIFARE Artwork with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? 3 - Custom Artwork with Gloss Finish with Magnetic Stripe? 3 - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork with Gloss Finish with Magnetic Stripe? C - Custom Artwork With Gloss Finish with Magnetic Stripe? C - Custom Artwork With Gloss Finish with Magnetic Stripe? C - Custom Michael Stripe? C - Custom Michael Stripe - Specify Custom Artwork Number. C - Random Internal/Non-Matching Sequential Reternal (Inkjetted)? A - Sequential Internal/Sequential Non-Matching External (Inkjetted)? A - Sequential Matching Internal/External (Laser Engraved). C - Random Internal/Non-Matching Sequential External (Laser Engraved). C - Random Internal/Non-Matching Sequential External (Laser Engraved). C - Random Internal/Non-Matching Sequential External (Laser Engraved). C - Random Internal/Sequential Non-Matching External (Laser Engraved). C - Random Internal/Sequential Internal/Sequential Internal/Sequential Internal/Sequential Internal/Sequential Internal/Sequential Internal/Sequential Internal Card Non-Matching Sequential Internal Card No Start Specify Artwork Number - Refer to the Custom Artwork forms for new artwork) Enter your final card options from check boxes above. Example: 3400PGGNN Final Part Number P N (Options #) 12345 = Card ID Number YYYYYY-YY = Sales Order Number (Custom Formats) Site Code (Example: 26 bit) Format Number (example: H10301) Facility Code (Sale) (S	Front Packaging (Check One) G - Plain White with Gloss Finish	2.125" (5.4 cm) Front Packaging
Card Numbering* (Check One) M - Sequential Matching Internal/External (inkjetted)* N - No External Card Numbering U - UID (CSN) Decimal card numbering only (inkjetted)* V - UID (CSN) Decimal card numbering only (inkjetted)* R - Random Internal/Non-Matching Sequential External (inkjetted)* R - Sequential Matching Internal/External (taser Engraved)* B - Sequential Internal/Sequential Non-Matching Sequential External (inkjetted)* R - Random Internal/Non-Matching Sequential External (inkjetted)* C - Random Internal/Non-Matching Sequential External (Laser Engraved)* Z - Reversed UID (CSN) Decimal card numbering only (Laser Engraved)* Z - Reversed UID (CSN) Decimal card numbering only (Laser Engraved)* N - No Stot Punch* (Check One) N - No Stot Punch (Check One) N - No Stot Punch (Printed location of vertical slot punch will remain) V - Vertical Slot Punch Option - Custom Artwork* Specify Artwork Number - Refer to the Custom Artwork forms for new artwork) Enter your final card options from check boxes above. Example: 3400PGGNN Final Part Number P N - (Options #) 13.56 MHz Card Programming Information Bit Numbers (example: 26 bit) Format Number (example: H10301) SE Elite (CE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop External Card No. Start Stop For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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.	 G - Plain White with Gloss Finish² S - Standard HID MIFARE Artwork² 1 - Plain White with Gloss Finish with Magnetic Stripe² 2 - Standard HID MIFARE Artwork with Magnetic Stripe C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹, ² 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork 	(8.57 cm)
N - No Slot Punch (Printed location of vertical slot punch will remain) V - Vertical Slot Punch H - Horizontal Slot Punch Option - Custom Artwork¹ (Specify Artwork Number – Refer to the Custom Artwork forms for new artwork) Enter your final card options from check boxes above. Example: 3400PGGNN Final Part Number P N N - (Options #) 13.56 MHz Card Programming Information Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop External Card No. Start Stop External Card No. Start Stop Special Instructions: For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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	Card Numbering³ (Check One) M - Sequential Matching Internal/External (Inkjetted)² N - No External Card Numbering U - UID (CSN) HEX card numbering only (Inkjetted)² V - UID (CSN) Decimal card numbering only (Inkjetted)² S - Sequential Internal/Sequential Non-Matching External (Inkjetted)² R - Random Internal/Sequential Sequential External (Inkjetted)² 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	Back Packaging Note: 340 credential image may vary.
	 N - No Slot Punch (Printed location of vertical slot punch will remain) V - Vertical Slot Punch 	12345 = Card ID Number YYYYYYYY-YY = Sales Order Number
Final Part Number P N - (Options #) 13.56 MHz Card Programming Information Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (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, refer to Logical Access How to Order Guide. 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	(Specify Artwork Number – Refer to the Custom Artwork for	·
13.56 MHz Card Programming Information Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (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, refer to Logical Access How to Order Guide. 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		
Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop External Card No. Start Stop External Card No. Start Stop For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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		- (Options #)
Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop External Card No. Start Stop External Card No. Start Stop For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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		
Internal Card No. Start Stop External Card No. Start Stop Special Instructions: For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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	Facility Code SE Elite ICE Number (if applicable)	ample: H10301)
Special Instructions: For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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.	Internal Card No. Start Stop	
For Contact Smart Chip selection, refer to Logical Access How to Order Guide. 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.		
¹ For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost.	•	
 Cards ordered with plain white front and back packaging, with no HID artwork or with custom artwork, will still have a small HID logo left-hand corner and a slot punch target printed on the back of the card. The external card number is placed in the bottom right-hand corner on the back of the card on Proximity Format Programming only. For Laser Engraved external numbers, consult factory for lead times and cost. When printed, by default the number is encoded MSB (most significant byte) -> LSB (least significant byte). Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Consult with the printer 	 For new artwork files, contact Customer Service for custom artwork number, lead-times, and cost. Cards ordered with plain white front and back packaging, with no HID artwork or with custom artwork, w left-hand corner and a slot punch target printed on the back of the card. The external card number is placed in the bottom right-hand corner on the back of the card on Proximity For Laser Engraved external numbers, consult factory for lead times and cost. When printed, by default byte). 	will still have a small HID logo HID and reference number printed in the lower y Format Programming only. It the number is encoded MSB (most significant byte) -> LSB (least significant

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manufacturer prior to ordering.

6 Includes a permanent Unique MIFARE 32 Bit Serial number.

* The composite construction is recommended for all cards with over-laminate applied.

⁷ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.



350/355 - MIFARE Classic + Prox Card Ordering Guide

Encompasses the industry's broadest range of open standard contactless smart card products. Provides the memory structure and capacity to store multiple applications on a single credential with the addition of Proximity technology for easier migration.

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

☐ 3500 (1K) Standard PVC ☐ 3550 (1K) Composite 40% Polyester / PVC *					andard PVC mposite Polyester 40% / PVC *
Programming (Check One) ☐ P - Programmed with Security Identity Object (SIO) for MIFARE, Prox non-program ☐ R - Both interfaces programmed (MIFARE with Security Identity Object (SIO), Proprogrammed with HID format)			†		
Front Packaging (Check One) G - Plain White with Gloss Finish C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹			2.125 5.4 cm		Front Packaging
Back Packaging (Check One) ☐ G - Plain White with Gloss Finish² ☐ S - Standard HID MIFARE Artwork² ☐ 1 - Plain White with Gloss Finish with Magnetic Stripe² ☐ 2 - Standard HID MIFARE Artwork with Magnetic Stripe ☐ C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number¹.² ☐ 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number¹.²			033" 44 cm)		3.370° (8.57 cm)
13.56 MHz MIFARE Card Numbering³ (Check One) M - Sequential Matching Internal/External (Inkjetted)⁵ N - No External Card Numbering U - UID (CSN) HEX card numbering only (Inkjetted)⁵ V - UID (CSN) Decimal card numbering only (Inkjetted)⁵ S - Sequential Internal/Sequential Non-Matching External (Inkjetted)⁵ R - Random Internal/Non-Matching Sequential External (Inkjetted)⁵ 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 Z - Reversed UID (CSN) Decimal card numbering only (Laser Engraved)⁴					Note: 350 credential may vary. Note: 340 credential image may vary.
Slot Punch □ N - No Slot Punch (Printed location of vertical slot punch will remain) □ V - Vertical Slot Punch					
125 kHz Prox Card Numbering³ (Check One) M - Sequential Matching Internal/External (Inkjetted)⁵ N - No External Card Numbering S - Sequential Internal/Sequential Non-Matching External (Inkjetted)⁵ R - Random Internal/Non-Matching Sequential External (Inkjetted)⁵ A - Sequential Matching Internal/External (Laser Engraved)⁴	En C - Ra	graved)	4 nterna		equential Non-Matching External (Laser -Matching Sequential External (Laser
Option - Custom Artwork ¹ (Specify Artwork Number – Refer to the Custom Artwork Num			artw	ork)	
Enter your final card options from check boxes above. Example: 3506PC Final Part Number	N N	S 		-	(Options #)
13.56 MHz Card Programming Information					
Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEM Code Internal Card No. Start Stop External Card No. Start Stop Special Instructions:					

An ASSA ABLOY Group program

ASSA ABLOY



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, refer to Logical Access How to Order Guide. 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.
⁴ For Laser Engraved external numbers, consult factory for lead times and cost. When printed, by default the number is encoded MSB (most significant byte) -> LSB (least significant byte).
⁵ Please note that cards shipped out of Austin Texas are always laser-engraved. Inkietted option is not available for these cards

Please note that cards snipped out of Austin, Texas are always laser-engraved. Inkjet
 The composite construction is recommended for all cards with over-laminate applied.



SIO-Enabled Technology for MIFARE DESFire EV1 Credentials

370/375 - MIFARE DESFire EV1 Card Ordering Form Guide

Based on open global standards for security, and is interoperable with existing MIFARE DESFire infrastructures. Ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Base Model 3700 Standard PVC	☐ 3750 Composite 40% Polyester / PVC ^
DESFire EV1 Memory Size ☑ C - 8K Bytes DESFire EV1	
Secure Identity Object Programming P - Programmed with Security Identity Object (SIO)	2.125"
Front Packaging (Check One) G - Plain White with Gloss Finish C - Custom Artwork with Gloss Finish – Specify Custom Artwork	ork Number ¹ Front Packaging
Back Packaging (Check One) ☐ G - Plain White with Gloss Finish² ☐ 1 - Plain White with Gloss Finish with Magnetic Stripe² ☐ C - Custom Artwork with Gloss Finish – Specify Custom Artwork Number¹.²	
Card Numbering³ (Check One) M - Sequential Matching Internal/External (Inkjetted)⁵ N - No External Card Numbering S - Sequential Internal/Sequential Non-Matching External (In R - Random Internal/Non-Matching Sequential External (In A - Sequential Matching Internal/External (Laser Engraved B - Sequential Internal/Sequential Non-Matching External C - Random Internal/Non-Matching Sequential External (La Z - Reversed UID (CSN) Decimal card numbering only (La	inted)s' Back Packaging user Engraved)4 er Engraved)4 Note: 375 credential image may vary.
Slot Punch N - No Slot Punch V - Vertical Slot Punch H - Horizontal Slot Punch	© IIIII DESFire SE D8H 12345 YYYYYYYYYYY
	o the Custom Artwork Forms for new Artwork)
Enter your final card options from check boxes above Final Part Number C P	Example: 3/50CPGGNN N - (Options #)
	(3)
13.56 MHz Card Programming Information	
Bit Numbers (example: 26 bit) Format Number (example: H10301) Facility Code SE Elite ICE Number (if applicable) (Custom Formats) Site Code City Code OEN Internal Card No. Start Stop	Code
External Card No. Start Stop Special Instructions:	
· —	ess How to Order Guide. Standard configuration does not include a contact

Page 40 of 49

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 HID 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 56 Bit serial # cannot be printed on cards.

⁴ For Laser Engraved external numbers, consult factory for lead times and cost. When printed, by default the number is encoded MSB (most significant byte) -> LSB (least significant byte).

⁵ Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.

^{*} The composite construction is recommended for all cards with over-laminate applied.



380/385 - MIFARE DESFire EV1 + Prox Card Ordering Form Guide

Based on open global standards for security, and is interoperable with existing MIFARE DESFire infrastructures with the addition of Proximity technology for easier migration.

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

Base Model] 3800 Stan	dard PVC			☐ 3	850 C	omposit	e 4	0% Polyeste	r/PVC	*
DESFire EV1 Memory S ☑ C - 8K Bytes DESFire B						7	· _ (
Programming (Check O P - Programmed with S R - Both interfaces programmed with H	ecurity Identity Objection					2.12 (5.4			Front Pack	aging	
Front Packaging (Check G - Plain White with Glo C - Custom Artwork with	oss Finish	ecify Custom Artwo	rk Numbe	er ¹		ļ					
Back Packaging (Check G - Plain White with Glo 1 - Plain White with Glo C - Custom Artwork with 3 - Custom Artwork with	oss Finish² oss Finish with Magr h Gloss Finish - Spe	ecify Custom Artwo			ork	0.033' (0.084 cr			3.370° (8.57 cn	n)	
13.56 MHz DESFire Can M - Sequential Matchin N - No External Card N S - Sequential Internal/Nc R - Random Internal/Nc A - Sequential Matchin B - Sequential Internal/Nc C - Random Internal/Nc	g Internal/External (umbering Sequential Non-Mat on-Matching Sequer g Internal/External (Sequential Non-Mat	(Inkjetted) ⁵ Iching External (Ink Itial External (Inkje Laser Engraved) ⁴ Iching External (La	tted)5 ser Engra						ote: 380 credential Note: 375 credential im	, ,	· · · · · · · · · · · · · · · · · · ·
Slot Punch IMPORTANT – MIFAR attach this card to a lar. N - No Slot Punch			not allow	/ a slot pi	unch du	ue to the	YY	YYYY	Card ID Number 'YY-YY = Sales C In, use a badge		er
125 KHz Card Numberin M - Sequential Matchin N - No External Card N S - Sequential Internal/ R - Random Internal/No A - Sequential Matching	g Internal/External (umbering Sequential Non-Mat on-Matching Sequer	tching External (Ink ntial External (Inkje			(Las C - Ran	ser Engrav	/ed)4		Non-Matching Exte Sequential Extern		
Option - Custom Artwo	(Specify Artworn	k Number – Refer t					rtwork)				
Enter your final card op Final Part Number	tions from chec	c boxes above.	Example	e: 3850CI	PGGNN	N N		-	(Optio	ons #)	
13.56 MHz Card Progr	amming Inform	nation									
Bit Numbers (exa Format Number (ex Facility Code SE Elite ICE Number (if ap (Custom Formats) Site Counternal Card No. Start External Card No. Start Special Instructions:	ample: H10301) plicable) de City Cod Stop Stop	de OEM C	ode	<u>-</u> :							

An ASSA ABLOY Group program

ASSA ABLOY





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, refer to Logical Access How to Order Guide. 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 lowe 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 56 Bit serial # cannot be printed on cards.
4 For Lacor Engraved external numbers, consult factory for load times and cost

Page 42 of 49

For Laser Engraved external numbers, consult factory for lead times and cost.
 Please note that cards shipped out of Austin, Texas are always laser-engraved. Inkjetted option is not available for these cards.
 The composite construction is recommended for all cards with over-laminate applied.



iCLASS SE & multiCLASS SE Readers

The iCLASS SE and multiCLASS SE readers are designed for installations that need to mount on wiring boxes. The iCLASS SE and multiCLASS SE reader is a flush mount reader that fits single- and double-gang electrical boxes.

Note: Part numbers and schemes have changed from past versions.

		Part Number											
Description	Base Part No.	125 kHz Interpreters ¹	13.56 MHz Interpreters ²	Controller Communications	Controller Hardware Connection	Product Version	Color	Security ³	Configuration Settings ⁴				
iCLASS SE R10 & multiCLASS SE RP10 Mini-Mullion Reader	900		N = SIO and Seos	N = Wiegand									
iCLASS SE R15 & multiCLASS SE RP15 Mullion Reader	910	N = No Prox											
iCLASS SE R30 & multiCLASS SE RP30 EU / Asia Square Reader		P = HID Prox, AWID and EM4102		N = SIO and Seos W = Custom	C = Clock-and-Data P = OSDP using RS-485	N = Pigtail (18") L = Long Pigtail (6') T = Terminal Strip	Е	K = Black G = Gray	0 = Standard-1 2 = Standard-2 E = Elite	0000 = Standard XXXX = Specific			
iCLASS SE R40 & multiCLASS SE RP40 Wall Switch Reader	920	_ = Indala Prox		Half Duplex				L - Lino					
iCLASS SE RK40 & multiCLASS SE RPK40 Wall Switch Keypad Reader	921												

¹125 kHz Prox Interpreters:

Order N for only high frequency 13.56 MHz technology (such as iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic, SE for MIFARE DESFire EV1).

Order P for support of HID Prox, AWID, and EM4102 (26 bit)

Order L for support of all Indala Prox (only), please make sure to provide needed format at time of order including Indala 10022 (26-bit). OSDP Communication not available.

T = Recommended ONLY for Maximum Compatibility with legacy iCLASS installations - Supports Secure Identity Object (SIO), Seos, standard iCLASS HID Access Control Application, MIFARE CSN, and MIFARE DESFire CSN. Compatible with the following credentials: iCLASS Seos, iCLASS Seos, iCLASS Se, iCLASS SR, standard iCLASS, SE for MIFARE Classic, SE for MIFARE DESFire EV1 and MIFARE-CSN. Use 0 or E for security options.

N = Recommended for Maximum Security – Supports Secure Identity Object (SiO) including Seos ... providing the maximum security data model for physical access control. Compatible only with iCLASS Seos and iCLASS SE credentials. Use 2 or E for security options.3

W = For custom programming options, consult your regional technical support representative. Custom programming configurations support up to two (2) of the following: MIFARE Classic, MIFARE DESFire EV1 (including DESFire 0.6 backward compatible configurations). Additionally readers support ISO14443A CSN

³ iCLASS Security Options (Factory or Field Configurable):

- 0 = Standard Security (Version 1) Keyset coupled with the Standard 13.56 MHz interpreter "T" provides compatibility with iCLASS SEo, iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic and SE for MIFARE DESFire EV1 credentials.
- 2 = Standard Security (Version 2) Keyset coupled with the SIO and Seos (Only) 13.56 MHz interpreter "N" provides compatibility with iCLASS Seos, iCLASS SE, MIFARE Classic SE and MIFARE DESFire EV1 SE credentials.
- E = Elite reads only SE Elite™ credentials with unique matching keys. Works with iCLASS Seos, iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic and SE for MIFARE DESFire EV1 with matching Elite keys. Line item on PO requires ICE reference number.
- ⁴ Configuration Settings

All standard readers ship with the following features - 13.56MHz interpreter "T" enabled, Wiegand "N" enabled, and Standard-1 "0" security keys enabled. **ANY other option selected requires a specific configuration EXTENSION.** To order non-standard configuration options, use the following link and select the iCLASS SE Configuration Worksheet under Related Documents. http://www.hidglobal.com/products/readers/iclass-se. Your HID Global Support or Sales representative can help you determine your final configuration

Standard configuration includes: LED normally Red + Reader beeps / flashes LED green on card read + Intelligent Power Management = Off + Keypad Output is 4-bit (if keypad reader)

² 13.56 MHz Interpreters



iCLASS SE & multiCLASS Readers - Quick Reference Part Numbers

Class	Sub Class	Prox/No Prox	13.56 MHz (HF) interpreter	Controller Connection	Color	Pigtail/ Terminal	Keys	LED	LED	Buzzer	Read	Power Mgmt	Keypad	Part number
iCLASS SE		LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900NTNNEK00000
	R10	LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900NTNTEK00000
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900NNNNEK2037P
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900NNNTEK2037P
		LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910NTNNEK00000
	R15	LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910NTNTEK00000
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910NNNNEK2037P
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910NNNTEK2037P
		LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930NTNNEK00000
	R30	LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930NTNTEK00000
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930NNNNEK2037P
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930NNNTEK2037P
		LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920NTNNEK00000
	R40	LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920NTNTEK00000
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920NNNNEK2037P
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920NNNTEK2037P
		LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921NTNNEK00000
	RK40	LF OFF	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921NTNTEK00000
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921NNNNEK2037R
		LF OFF	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921NNNTEK2037R
multiCLASS SE		LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900PTNNEK00000
	RP10	LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900PTNTEK00000
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900PNNNEK2037Q
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		900PNNTEK2037Q
		LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910PTNNEK00000
	RP15	LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910PTNTEK00000
	KP 10	LF STD	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910PNNNEK2037Q
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		910PNNTEK2037Q
		LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920PTNNEK00000
	RP40	LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920PTNTEK00000
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920PNNNEK2037Q
RP		LF STD	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		920PNNTEK2037Q
		LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930PTNNEK00000
	RP30	LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930PTNTEK00000
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930PNNNEK2037Q
		LF SnnTD	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF		930PNNTEK2037Q
		LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	PIG	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921PTNNEK00000
	RPK40	LF STD	Legacy (STD), SIO/SEOS	Wiegand	BLK	TERM	STD-1	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921PTNTEK00000
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	PIG	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921PNNNEK2037T
		LF STD	SIO/SEOS ONLY	Wiegand	BLK	TERM	STD-2	LED RED	FLSH GRN	BZR ON	CSN 32-BIT MSB	IPM OFF	BFRD 1 KEY	921PNNTEK2037T



iCLASS SE Decor - Flush Mount Reader

The iCLASS SE Decor reader is designed for installations that need to mount within wiring boxes. The iCLASS SE Decor reader is a flush mount reader that fits into European electrical boxes.

		Part Number										
Description		Base Part No.	125 kHz Prox Interpreters	13.56 MHz Interpreters ¹	Controller Communication	Controller Hardware Connection	Product Version	Color	Security ²	Configuration Settings ³		
iCLASS SE Décor Reader Contactless Smart Card Reader: Finished Reader, Flush mount European Style mounting		95A	N = No Prox	Willi Legacy	N = Wiegand C = Clock-and-Data P = OSDP using RS485 Half Duplex	T = Terminal Strip	E	K = Black W= White G= Gray		0000 = Standard XXXX = Specific		

¹13.56 MHz Interpreters

T = Recommended ONLY for Maximum Compatibility with legacy iCLASS installations - SIO, Seos, standard iCLASS HID Access Control Application, MIFARE CSN, and MIFARE DESFire CSN. Compatible with the following credentials: iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic, SE for MIFARE DESFire EV1 and MIFARE-CSN. Use 0 or E for security options.

N = Recommended for Maximum Security – Supports SIO and Seos to provide the maximum security data model for physical access control. Compatible only with iCLASS SE and Seos branded credentials. Use 2 or E for security options,

W = For custom programming options, consult your regional technical support representative. Custom programming configurations support up to two (2) of the following: MIFARE Classic, MIFARE DESFire EV1 (including DESFire 0.6 backward compatible configurations). Additionally readers support ISO14443A CSN. W option for select regions only please check your local pricing options to determine if the option is available.

² iCLASS Security Options (Factory or Field Configurable):

^{0 =} Standard Security (Version 1) Keyset - coupled with the Standard 13.56 MHz interpreter "T" provides compatibility with iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic and SE for MIFARE DESFire EV1 credentials.

^{2 =} Standard Security (Version 2) Keyset - coupled with the SIO (Only) 13.56 MHz interpreter "N" provides compatibility with iCLASS SE, MIFARE Classic SE and MIFARE DESFire EV1 SE credentials.

E = Elite reads only SE Elite™ credentials with unique matching keys. Works with iCLASS SE, iCLASS SR, standard iCLASS, SE for MIFARE Classic and SE for MIFARE DESFire EV1 with matching Elite keys. Line item on PO requires ICE reference number.

³ Configuration Settings

All standard readers ship with the following features - 13.56MHz interpreter "T" enabled, Wiegand "N" enabled, and Standard-1 "0" security keys enabled. ANY other option selected requires a specific configuration EXTENSION. To order non-standard configuration options, use the following link and select the iCLASS SE Configuration Worksheet under Related Documents. http://www.hidglobal.com/products/readers/iclass-se. Your HID Global support personnel or sales representative can help you determine your final configuration.



Programming Cards

Use these cards for customer reader configuration. Readers may be reconfigured to a target configuration by applying the correct target configuration. Use the following link and select the iCLASS SE Configuration Worksheet under *Related Documents* http://www.hidglobal.com/products/readers/iclass-se to determine the exact configuration required. Apply changes to the reader security using programming cards. Contact HID Technical Support (support.hidglobal.com) to ensure selecting the proper settings.

Reader Configuration

	Part Number							
Description	Base Part No.	Elite (E) or Standard Security (0 or 2) ¹	Configuration Settings ²					
Reader Configuration Cards			-XXXX = Specific configuration					
Reconfigure reader to factory standard settings	SEC9X-CRD-	E = Elite Key 0 = Standard key 1 or standard key 2	40000 = Factory configuration (Rx models) -0001 = Factory configuration (RPx models) -0002 = Factory configuration (RKx models) -0003 = Factory configuration (RPKx models)					
Security downgrade card Add standard iCLASS access control application to your iCLASS SE or multiCLASS SE reader	SEC9X-CRD-	Contact your HID Support Representative	e (support.hidglobal.com)					
Security upgrade card (key rolling) Setup iCLASS SE or multiCLASS SE readers for SIO (and optionally Prox) interpreters only.								

¹ Keys

Specify Elite "E" or Standard-1/Standard-2 "0" based upon keys ALREADY LOADED in the reader that needs to be configured.

² Configuration Settings

All standard readers ship with the following features - 13.56MHz interpreter "T" enabled, Wiegand "N" enabled, and Standard-1 "0" security keys enabled. **ANY other option selected requires a specific configuration EXTENSION.** To order non-standard configuration options, use the following link and select the iCLASS SE Configuration Worksheet under Related Documents. http://www.hidglobal.com/products/readers/iclass-se. Your HID Global Support or Sales representative can help you determine your final configuration.

Standard configuration includes: LED normally Red + Reader beeps / flashes LED green on card read + Intelligent Power Management = Off + Keypad Output is 4-bit (if keypad reader)

Note: Reader configuration cards change settings in an additive fashion. Configuration card settings only overwrite old settings for the options selected. Reader settings that have not been selected for the configuration retain their original values. To reset reader settings to factory defaults, use a factory default configuration card first, then apply the new configuration with the provided reader configuration card.



Configuration Cards - Quick Reference Part Numbers

Config Card Number	Description
SEC9X-CRD-0-0007	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, IPM OFF
SEC9X-CRD-E-0007	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, IPM OFF
SEC9X-CRD-0-000B	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS/CAK/PKI, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-000B	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS/CAK/PKI, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-0121	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-E-0121	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-0-0220	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-0220	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-023M	CFG CARD, SE, STD, LF CST, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-023M	CFG CARD, SE, ELITE, LF CST, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-023U	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-023U	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-024K	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-024K	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-0261	CFG CARD, SE, STD, LF CST, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-0261	CFG CARD, SE, ELITE, LF CST, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-026M	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-026M	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-032V	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-032V	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-032Y	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-032Y	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-033A	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-033A	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-033B	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-E-033B	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS/FIPS/CAK, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, IPM OFF
SEC9X-CRD-0-034C	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH OFF, BZR OFF, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-E-034C	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH OFF, BZR OFF, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-0-034D	CFG CARD, SE, STD, LF CST, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH GRN, BZR OFF, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-034D	CFG CARD, SE, ELITE, LF CST, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH GRN, BZR OFF, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-034E	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 TO 5 KEYS, PAR, USER ENTRD FC, 26-BIT MSG, IPM OFF
SEC9X-CRD-E-034E	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 TO 5 KEYS, PAR, USER ENTRD FC, 26-BIT MSG, IPM OFF
SEC9X-CRD-0-034F	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 34-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-034F	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 34-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-034G	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-E-034G	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG, IPM OFF
SEC9X-CRD-0-034H	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH OFF, BZR OFF, OPT TAMP, OPEN COLL, CSN 56-BIT MSB, 56-BIT BCD, IPM OFF
SEC9X-CRD-E-034H	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH OFF, BZR OFF, OPT TAMP, OPEN COLL, CSN 56-BIT MSB, 56-BIT BCD, IPM OFF
SEC9X-CRD-0-034J	CFG CARD, SE, STD, LF OFF, HF STD/SIO/SEOS. 485FDX, LED OFF, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 KEY, PAR, 6-BIT MSG, IPM OFF
SEC9X-CRD-E-034J	CFG CARD, SE, ELITE, LF OFF, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 KEY, PAR, 6-BIT MSG, IPM OFF
SEC9X-CRD-0-034K	CFG CARD, SE, STD, LF CST, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-034K	CFG CARD, SE, ELITE, LF CST, HF STD/SIO/SEOS, 485FDX, LED RED, FLSH OFF, BZR ON, OPT TAMP, OPEN COLL, CSN 26-BIT (W/DEFAULT FC), KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-0-034L	CFG CARD, SE, STD, LF STD, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF
SEC9X-CRD-E-034L	CFG CARD, SE, ELITE, LF STD, HF STD/SIO/SEOS, 485FDX, LED OFF, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN 32-BIT LSB, KPF, BFFRD 1 KEY, DORADO COMPL, NO PAR, 8-BIT MSG, IPM OFF



Firmware Update Cards

For updating reader firmware using RF cards.

Description	Part Number							
Programming Cards – Firmware	Base Part Number	Security	Version	Firmware Bundle ¹				
Firmware Update Cards Update reader functionality to the latest revision over the RF interface.	SEF9X-UPG	12 = Standard-2	D = Rev D version E = Rev E version	xxxx				

¹ Obtain the firmware bundle number after consultation with your HID support representative (support.hidglobal.com).

Accessories

The following provides accessories that can be ordered separately for your iCLASS SE and multiCLASS SE readers.

Part Number	Description	
Mounting Plates, Spacers, Screws and Accessory Kits		
6303-104-01	R10 / RP10 (or equivalent sized model) Mini-Mullion Reader Mounting Plate, Any Color	
6309-103-01	R15 / RP15 (or equivalent sized model) Mullion Reader Mounting Plate, Any Color	
6402-103-01	R30 / RP30 (or equivalent sized model) EU/Asian Reader Mounting Plate, Any Color	
6403-109-01	R40 / RP40 (or equivalent sized model) Wall Switch Reader Mounting Plate, Any Color	
6094-101-01	RK40 / RPK40 (or equivalent sized model) Wall Switch Keypad Reader Mounting Plate, Any Color	
6132AKB	R10 / RP10 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black	
6132AGB	R10 / RP10 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Gray	
6132AKC	R15 / RP15 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black	
6132AGC	R15 / RP15 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Gray	
6132AKD	R30 / RP30 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black	
6132AGD	R30 / RP30 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Gray	
6132AKE	R40 / RP40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Black	
6132AGE	R40 / RP40(or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Gray	
6132AK	RK40 / RPK40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Black	
6132AG	RK40 / RPK40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Gray	
400-2D71-06	High Security Screw, Spanner	
6706-303-03	Pigtail Accessory Kit (includes terminal blocks, screws, and installation guide	
6706-303-04	Terminal Reader Accessory Kit (includes terminal blocks, screws, and installation guide)	
56-0009-01	Gasket - Keypad Readers only.	

December 2014

Page 48 of 49



OSDP Upgrade Kit

For upgrading iCLASS SE readers to OSDP in the field to version 1 protocol.

OSDP Kit Description (Version 1 protocol)	Part Number
OSDP Upgrade kit 1 (one OSDP module)	SE-OSDP-1
OSDP Upgrade kit 10 (ten OSDP modules)	SE-OSDP-5
OSDP Upgrade kit 10 (ten OSDP modules)	SE-OSDP-10

IP65 Upgrade Kit

For upgrading iCLASS SE readers to IP65 ingress protection in the field

IP65 Kit Description (10) pieces per kit	Part Number
IP65 Gasket Kit. (10) pcs per kit. For use with model R10	IP65GSKT-R10
IP65 Gasket Kit. (10) pcs per kit. For use with model R15	IP65GSKT-R15
IP65 Gasket Kit. (10) pcs per kit. For use with model R30	IP65GSKT-R30
IP65 Gasket Kit. (10) pcs per kit. For use with model R40	IP65GSKT-R40
IP65 Gasket Kit. (10) pcs per kit. For use with model RK40	IP65GSKT-RK40