

iCLASS SE Readers

Note: See *Selecting the Right Reader* on page 6 for guidance.

iCLASS SE Reader - Seos Profile with Bluetooth Option

Application: Designed to instill confidence with best-in-class security and privacy protection.

Technologies Supported: iCLASS Seos, HID Prox, and HID Mobile Access® Mobile IDs via NFC and/or Bluetooth Smart.



1. Select one option from each of the following sections to construct part number:

Reader Model (Select one model)



- 900 - Model R10 - Designed for door applications requiring a small footprint card reader.



- 920 - Model R40 - Designed for door applications requiring standard wall switch mounting.



- 921 - Model RK40 - Designed for door applications requiring standard wall switch mounting and keypad input.

125 KHz Credential Support (Select one option)

- N - No 125 KHz support
 P - Support for HID Prox

13.56 MHz and Bluetooth credential support (Select one option)

- S - Supports iCLASS Seos cards, and Mobile IDs via NFC
 B - Supports iCLASS Seos cards, and Mobile IDs via NFC and Bluetooth Smart.

Controller Communication

- N - Wiegand

Wiring Connection (Select one option)

- N - Pigtail
 T - Terminal strip

Color

- K - Black

Keypad (Select one option)

- 2 - Standard and Mobile-Ready - supports iCLASS Seos credentials with standard keys. Prepared to support HID Mobile Access, but lacks the personalized configuration to read an organization's specific Mobile IDs. This configuration can be ordered at any time but will require field activation after the organization has completed registration for HID Mobile Access.
- E - HID Elite and Mobile-Enabled - supports iCLASS Seos credentials and Mobile IDs. Fully activated and personalized to support an organization's specific Mobile IDs. These readers can only be ordered after the organization has completed registration for either HID Elite or HID Mobile Access. If HID Elite reference (ICE) is given at time of order, only iCLASS Seos credentials with HID Elite keys are supported. If Mobile Reference (MOB) is given at time of order, only iCLASS Seos credentials with standard keys are supported.

Configuration Settings

- 0000 - Standard configuration. All iCLASS SE Readers - Seos Profile ship with the following standard configuration:
- LED normally red, LED flashes green and beeps on card read
 - Keypad output is 4-bit (if keypad reader)

Non-standard configuration can be applied at time of installation using the configuration card accessories listed on next page.

2. Enter the numbers/letters from the selections above into the table below.

The resulting "Final Part Number" is used when ordering reader.

	Reader Model	125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	920	N	S	N	T	E	K	2	0000
Final Part Number				N		E	K		0000

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service.

Contact information is available at: <http://www.hidglobal.com/customer-service>

Need credentials? Credentials supported by this reader model includes (depending on options chosen above):

- [Mobile IDs](#)
- [iCLASS Seos](#)
- [iCLASS Seos + Prox](#)

iCLASS SE Reader - Seos Profile Configuration Cards

Config Card Number	Description
SE-SEOS-2-CRD0	iCLASS SE Seos Profile readers configuration config cards - Standard keys (2) - all cards (21 cards)
SE-SEOS-E-CRD0	iCLASS SE Seos Profile readers configuration config cards - HID Elite keys - all cards (21 cards)
SE-SEOS-2-CRD1	iCLASS SE Seos Profile readers configuration config cards - Standard keys (2) - Seos and prox settings (4 cards) Contains cards used to change the priority setting of iCLASS Seos and Prox technologies
SE-SEOS-2-CRD2	iCLASS SE Seos Profile readers configuration config cards - Standard keys (2) - Panel output settings (3 cards) Contains cards used to change the reader output between Wiegand and OSDP
SE-SEOS-2-CRD3	iCLASS SE Seos Profile readers configuration config cards - Standard keys (2) - Audio visual settings (13 cards) Contains cards used to change behaviour of reader LED and beeper
SE-SEOS-2-CRD4	iCLASS SE Seos Profile readers configuration config cards - Standard keys (2) - keypad format settings (4 cards) Contains cards used to change output settings of keypad reader models
SE-SEOS-E-CRD1	iCLASS SE Seos Profile readers configuration config cards - HID Elite keys - Seos and prox settings (4 cards) Contains cards used to change the priority setting of iCLASS Seos and Prox technologies
SE-SEOS-E-CRD2	iCLASS SE Seos Profile readers configuration config cards - HID Elite keys - Panel output settings (3 cards) Contains cards used to change the reader output between Wiegand and OSDP
SE-SEOS-E-CRD3	iCLASS SE Seos Profile readers configuration config cards - HID Elite keys - Audio visual settings (13 cards) Contains cards used to change behaviour of reader LED and beeper
SE-SEOS-E-CRD4	iCLASS SE Seos Profile readers configuration config cards - HID Elite keys - keypad format settings (4 cards) Contains cards used to change output settings of keypad reader models

Note: The above configuration cards are only intended for use with iCLASS SE Reader - Seos profile.



iCLASS SE Reader - Standard Profile with Bluetooth Option





Application: Designed to ensure compatibility with legacy credentials and capability to support the future.

Technologies Supported: Wide variety of contactless credentials including HID Mobile Access Mobile IDs via NFC and/or Bluetooth Smart.



1. Select one option from each of the following sections:

Reader Model (select one model)

-  900 - Model R10 - Designed for door applications requiring a small footprint card reader.
-  910 - Model R15 - Designed for door applications requiring a mullion style mounting.
-  920 - Model R40 - Designed for door applications requiring standard wall switch mounting.
-  921 - Model RK40 - Designed for door applications requiring standard wall switch mounting and keypad input.

125 KHz Credential Support (Select one option)

- N - No 125 KHz support
- P - Support for HID Prox, AWID and EM4102 (32 bits)

13.56 MHz and Bluetooth Credential Support

- M - Support for HID Mobile Access Mobiles IDs via NFC and Bluetooth Smart - reader equipped with Bluetooth Smart module. Also supports iCLASS Seos, iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic (SIO), MIFARE DESFire EV1 (SIO) and ISO 14443 UID.

Controller Communication (Select one option)

- N - Wiegand
- C - Clock & Data
- P - OSDP

Wiring Connection (Select one option)

- N - Pigtail
- T - Terminal strip

Color

- K - Black

Keypad (Select one option)

- M - Mobile-Ready: Prepared to support HID Mobile Access, but lacks the personalized configuration to read an organization's specific Mobile IDs. This configuration can be ordered at any time but will require field activation after the organization has completed registration for HID Mobile Access.
- E - Mobile-Enabled: Fully activated and personalized to support an organization's specific Mobile IDs. These readers can only be ordered after the organization has completed registration for either HID Elite or HID Mobile Access. If HID Elite reference (ICE) is given at time of order, only iCLASS Seos credentials with HID Elite keys are supported. If Mobile Reference (MOB) is given at time of order, only iCLASS Seos credentials with standard keys are supported.

Configuration Setting (Select one option)

Standard configuration: All iCLASS SE Readers - Standard Profile with Bluetooth Smart ship with the following features

- Controller Communication = N - Wiegand, or P - OSDP
- LED normally red, LED flashes green and beeps on card read
- Keypad output is 4-bit (if keypad reader)

This configuration is represented by the following standard configuration setting extensions listed.

Communication	125KHz support	Keypad reader	Extension
N - Wiegand	N - No	No	<input type="checkbox"/> A001
		Yes	<input type="checkbox"/> A002
	P - Yes	No	<input type="checkbox"/> A003
		Yes	<input type="checkbox"/> A004
P - OSDP	N - No	No	<input type="checkbox"/> A005
		Yes	<input type="checkbox"/> A006
	P - Yes	No	<input type="checkbox"/> A007
		Yes	<input type="checkbox"/> A008

ANY other option selected (including Clock & Data communication) requires a Non-Standard configuration EXTENSION. To determine configuration options, use the **Select** tab on the *iCLASS SE Configuration Guide* spreadsheet at the following link: www.hidglobal.com/node/19914. Your HID Global Support or Sales representative can help you determine your final configuration.

2. Enter the numbers/letters from the previous selections into the following table.

The resulting "Final Part Number" is used when ordering reader.

	Reader Model	125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	920	N	M	N	T	E	K	M	A001
Final Part Number			M			E	K		

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service.

Contact information is available at: <http://www.hidglobal.com/customer-service>

Need credentials? Credentials supported by this reader model includes (depending on options chosen above):

- [Mobile IDs](#)
- [iCLASS Seos](#)
- [iCLASS](#)
- [MIFARE DESFire EV1](#)
- [MIFARE Classic](#)



iCLASS SE Reader - Standard Profile

Application: Designed to ensure compatibility with legacy credentials and capability to support the future.

Technologies Supported: Wide variety of contactless credentials including HID Mobile Access Mobile IDs via NFC.



1. Select one option from each of the following sections:

Reader Model (select one model)



900 - Model R10 - Designed for door applications requiring a small footprint card reader.



921 - Model RK40 - Designed for door applications requiring standard wall switch mounting. Supports keypad input.



910 - Model R15 - Designed for door applications requiring a mullion style mounting.



940 - Model R90 - Designed for vehicle access applications requiring extended read range.



920 - Model R40 - Designed for door applications requiring standard wall switch mounting.



95A - Décor model - Designed for door applications requiring low profile EU square wall switch mounting.

125 KHz Credential Support (Select one option)

- N - None
- P - Supports HID Prox, AWID and EM4102 (32 bits). *Not available on models 940 or 95A.*
- L - Supports Indala® Prox. *Not available on models 940 or 95A. Not available with OSDP communication and/or Custom Programming or Transit.*

13.56 MHz credential support (Select one option)

- N - High security
- T - Maximum compatibility
- R - FeliCa and CEPAS*
- W - Custom programming**

	iCLASS Seos	iCLASS SE	iCLASS SR	iCLASS	MIFARE Classic (SIO)	MIFARE DESFire EV1 (SIO)	Mobile IDs via NFC	Mobile IDs via Bluetooth Smart	ISO14443 UID	MIFARE Classic (Custom data)	MIFARE DESFire EV1 (Custom data)	FeliCa IDm	CEPAS CAN or UID
<input type="checkbox"/> N - High security	•	•	•	-	•	•	•	-	-	-	-	-	-
<input type="checkbox"/> T - Maximum compatibility	•	•	•	•	•	•	•	-	•	-	-	-	-
<input type="checkbox"/> R - FeliCa and CEPAS*	•	•	•	•	•	•	•	-	•	-	-	•	•
<input type="checkbox"/> W - Custom programming**	○	○	○	○	○	○	○	-	○	•	•	-	-

• Supported
○ Optionally supported
- Not supported

* Not available on model 940.

** Consult your regional technical support representative for specific configurations.

Controller Communication (Select one option)

- N - Wiegand
- C - Clock & Data
- P - OSDP

Wiring Connection (Select one option)

- N - Pigtail (Not available on models 940 or 95A)
- T - Terminal strip

Color (Select one option)

- K - Black
- W - White. Only available on 95A model.
- G - Gray. Only available on 95A model.



Keypad (Select one option)

- 0 - Standard v1 - Supports credentials with default HID keys, including iCLASS and iCLASS SR.
- 2 - Standard v2 - Supports credentials with default HID keys, not including iCLASS and iCLASS SR.
- E - HID Elite - Supports credentials with HID Elite keys and/or Mobile IDs. *Key reference (ICE or MOB) required at time of order.*

Configuration Setting

- 0000 - Standard configuration:
 - 13.56MHz Credential Support = T - Maximum Compatibility
 - Controller Communication = N - Wiegand
 - Keypad = 0 - Standard v1 or E - HID Elite
 - LED normally red, LED flashes green and beeps on card read
 - Keypad output is 4-bit (if keypad reader)

- xxxx - Non-Standard configuration: ANY other options selected above requires a Non-Standard 4 digit extension. To order non-standard configuration options, use the Select tab on the iCLASS SE Configuration spreadsheet at the following link www.hidglobal.com/node/19914. Your HID Global Support or Sales representative can help you determine your final configuration.

2. Enter the numbers/letters from the selections above into the following table:

The resulting "Final Part Number" is used when ordering reader.

Reader Model		125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	920	N	T	N	T	E	K	2	0000
Final Part Number						E			

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service. Contact information is available at: www.hidglobal.com/customer-service

Need credentials? Credentials supported by this reader model include the following, depending on options chosen above:

- [Mobile IDs](#)
- [iCLASS Seos](#)
- [iCLASS](#)
- [iCLASS SE](#)
- [MIFARE DESFire EV1](#)
- [MIFARE Classic](#)



iCLASS SE Reader - Magnetic Stripe

Application: Designed to ensure compatibility with legacy credentials and capability to support the future.

Technologies Supported: Magnetic stripe cards and a wide variety of contactless credentials including HID Mobile Access Mobile IDs via NFC.



1. Select one option from each of the following sections:

Reader Model (select one model)



922 - Model RM40 - Designed for door applications requiring standard wall switch mounting.



925 - Model RMK40 - Designed for door applications requiring standard wall switch mounting. Supports keypad input.

125 KHz Credential Support (Select one option)

- N - No 125 KHz support
- P - Support for HID Prox, AWID and EM4102 (32 bit)

13.56 MHz credential support (Select one option)

- T - Maximum compatibility
- N - High security Weigand
- W - Custom programming*

iCLASS Seos	iCLASS SE	iCLASS SR	iCLASS	MIFARE Classic (SIO)	MIFARE DESFire EV1 (SIO)	Mobile IDs via NFC	Mobile IDs via Bluetooth Smart	ISO14443 UID	MIFARE Classic (Custom data)	MIFARE DESFire EV1 (Custom data)
•	•	•	•	•	•	•	-	•	-	-
•	•	•	-	•	•	•	-	-	-	-
○	○	○	○	○	○	○	-	○	•	•

• Supported
○ Optionally supported
- Not supported

* Consult your regional technical support representative for specific configurations.

Controller Communication (Select one option)

- N - Wiegand
- C - Clock & Data
- P - OSDP

Wiring Connection (Select one option)

- N - Pigtail
- T - Terminal strip

Color

- K - Black

iCLASS Support/Keyset (Select one option)

- 0 - Standard v1 - Reads credentials with default HID keys including standard iCLASS and/or iCLASS SR.
- 2 - Standard v2 - Reads credentials with default HID keys not including standard iCLASS and/or iCLASS SR.
- E - HID Elite - Reads credentials with HID Elite keys and/or Mobile IDs. *Key reference (ICE or MOB) required at time of order.*

Configuration Settings

To determine configuration options, use the **Select** tab on the *iCLASS SE Configuration Guide* spreadsheet at the following link: www.hidglobal.com/node/19914. Your HID Global Support or Sales representative can help you determine your final configuration.

2. Enter the numbers/letters from the selections above into the table below.

The resulting "Final Part Number" is used when ordering reader.

Reader Model		125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	922	N	N	N	T	E	K	2	0000
Final Part Number						E	K		

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service. Contact information is available at: www.hidglobal.com/customer-service

Need credentials? Credentials supported by this reader model include (depending on options chosen above):

- [Mobile IDs](#)
- [iCLASS Seos](#)
- [iCLASS SE](#)
- [iCLASS](#)
- [HID Prox](#)
- [MIFARE DESFire EV1](#)
- [MIFARE Classic](#)



pivCLASS Reader - FIPS 201 Strong Authentication




Application: Designed for applications that leverage the pivCLASS® Authentication Module (PAM) to validate FIPS 201 credential certificates for the highest level of security.

Technologies Supported: FIPS 201 credentials such as PIV, CIV, TWIC, CAC, and FRAC, and a wide variety of other contactless credentials.



1. Select one option from each section below:

Reader Model (select one model)

-  900 - Model R10 - Designed for door applications requiring a small footprint card reader.
-  920 - Model R40 - Designed for door applications requiring standard wall switch mounting.
-  921 - Model RK40 - Designed for door applications requiring standard wall switch mounting. Supports keypad input.



- 923 - Model RKCL40 - Designed for door applications requiring standard wall switch mounting. Featuring a contact slot, LCD display, and keypad.



- 924 - Model RKCLB40 - Designed for door applications requiring standard wall switch mounting. Featuring a contact slot, LCD display, biometric sensor, and keypad.

125 KHz Credential Support (Select one option)

- N - No 125 KHz support
- P - Support for HID Prox, AWID and EM4102 (32 bit) (not available on model RKCLB40)

13.56 MHz credential support (Select one option)

- H - Contactless. Supports PKI-Based FIPS 201 Credentials including PIV, PIV-I, CIV, CAC, TWIC and FRAC. This option is only available for models R10, R40 and RK40.
- P - Contactless + Contact. Supports PKI-Based FIPS 201 Credentials including PIV, PIV-I, CIV, CAC, TWIC and FRAC. FIPS 201 type cards can be read using either the contact or contactless card interface (RKCL40). This option is only available for models RKCL40, and RKCLB40.

Controller Communication (Select one option)

- R - RS485 FDX. Full duplex is required when connecting a pivCLASS reader to a PAM.

Controller Connection (Select one option)

- N - Pigtail
- T - Terminal strip

Color

- K - Black

Keypad (Select one option)

- 0 - Standard v1 - Reads credentials with default HID keys including standard iCLASS and/or iCLASS SR.
- E - HID Elite - Reads credentials with HID Elite keys and/or Mobile IDs. Key reference (ICE or MOB) required at time of order.

Configuration Setting (Select one option)

Configuration setting extension for these reader models are depending on the reader model and 125KHz support chosen above, please select from list below:

Reader Model	125KHz support	Extension
R10/R40	N - No	<input type="checkbox"/> 032Y
	P - Yes	<input type="checkbox"/> 0007
RK40	N - No	<input type="checkbox"/> 033A
	P - Yes	<input type="checkbox"/> 033B
RKCL40	N - No	<input type="checkbox"/> 032V
	P - Yes	<input type="checkbox"/> 0008
RKCLB40	N - No	<input type="checkbox"/> 0504

2. Enter the numbers/letters from the selections above into the table below.

The resulting "Final Part Number" is used when ordering reader.

Reader Model		125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	900	N	H	R	T	E	K	0	032Y
Final Part Number				R		E	K		

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service.

Contact information is available at: www.hidglobal.com/customer-service

Need credentials? Credentials supported by this reader model includes (depending on options chosen above):

- [Mobile IDs](#)
- [iCLASS Seos](#)
- [iCLASS SE](#)
- [iCLASS](#)
- [HID Prox](#)
- [MIFARE DESFire EV1](#)
- [MIFARE Classic](#)



pivCLASS Reader - Wiegand or OSDP

Application: Designed to support FIPS 201 credentials and communicate to traditional intelligent controller using Wiegand or OSDP protocol

Technologies Supported: FIPS 201 credentials such as PIV, CIV, TWIC, CAC, and FRAC and a wide variety of contactless credentials

1. Select one option from each section below:

Reader Model (select one model)



900 - Model R10 - Designed for door applications requiring a small footprint card reader.



921 - Model RK40 - Designed for door applications requiring standard wall switch mounting.



920 - Model R40 - Designed for door applications requiring standard wall switch mounting.



923 - RKCL40 - Combination, contact plus contactless reader with keypad and LCD.

125 KHz Credential Support (Select one option)

- N - No 125 KHz support
- P - Support for HID Prox, AWID and EM4102 (32 bit)

13.56 MHz credential support (Select one option)

- H - Contactless. Supports PKI-Based FIPS 201 Credentials including PIV, PIV-I, CIV, CAC, TWIC and FRAC. This option is only available for models R10, R40 and RK
- P - Contactless + Contact. Supports PKI-Based FIPS 201 Credentials including PIV, PIV-I, CIV, CAC, TWIC and FRAC. FIPS 201 type cards can be read using either the contact or contactless card interface. This option is only available for model RKCL40.

Controller Communication (Select one option)

- R - Wiegand; Configurable to support RS-485 full duplex for communication with pivCLASS Authentication Module (PAM)
- P - Wiegand or OSDP via RS-485 half duplex; selectable through configuration. Not available for model with RKCL40.

Controller Connection (Select one option)

- N - Pigtail
- T - Terminal strip

Color

- K - Black

iCLASS Support/Keypad (Select one option)

- 0 - Standard v1 - Reads credentials with default HID keys including standard iCLASS and/or iCLASS SR.
- E - HID Elite - Reads credentials with HID Elite keys and/or Mobile IDs. *Key reference (ICE or MOB) required at time of order.*

Configuration Setting

Obtaining individual pivCLASS reader configuration settings requires the use of the online [Configuration Guide](#).

2. Enter the numbers/letters from the selections above into the table below.

The resulting "Final Part Number" is used when ordering reader.

Reader Model		125 KHz	13.56 MHz	Communication	Wiring		Color	Keypad	Config Setting
Example	900	N	H	R	T	E	K	0	xxxx
Final Part Number				R		E	K		

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service. Contact information is available at: <http://www.hidglobal.com/customer-service>

Need credentials? This reader could support (depending on options chosen above) the following credentials:

- [iCLASS Seos](#)
- [iCLASS](#)
- [HID Prox](#)
- [MIFARE DESFire EV1](#)
- [MIFARE Classic](#)



iCLASS SE U90 - UHF Long Range Reader

Application: Designed for vehicle access control installations which require long range authentication and high throughput

Technologies Supported: Ultra High Frequency (UHF) EPC GEN 2

1. Select one option from each section below to construct part number:

Reader Model (select one model)



RDRSEU90 - Model U90 - Contactless Smart Card Long Range Reader: Surface or Pole Mount.

Antenna Code (select one option, see table below)

- 8
- 9

Country	Operating Frequency	Antenna Code
Austria	865 - 868MHz	8
Australia	915 - 928MHz	9
Belgium	865 - 868MHz	8
Brazil	902 - 928MHz	9
Bulgaria	865 - 868MHz	8
Canada	902 - 928MHz	9
China	921 - 924MHz	9
Croatia	865 - 868MHz	8
Cyprus	865 - 868MHz	8
Czech Republic	865 - 868MHz	8
Denmark	865 - 868MHz	8
Estonia	865 - 868MHz	8
Finland	865 - 868MHz	8
France	865 - 868MHz	8
Germany	865 - 868MHz	8
Greece	865 - 868MHz	8
Hungary	865 - 868MHz	8
India	865 - 867MHz	8
Ireland	865 - 868MHz	8

Country	Operating Frequency	Antenna Code
Italy	865 - 868MHz	8
Latvia	865 - 868MHz	8
Lithuania	865 - 868MHz	8
Luxembourg	865 - 868MHz	8
Malta	865 - 868MHz	8
Mexico	902 - 928MHz	9
Netherlands	865 - 868MHz	8
New Zealand	921.5 - 928MHz	9
Poland	865 - 868MHz	8
Portugal	865 - 868MHz	8
Romania	865 - 868MHz	8
Slovakia	865 - 868MHz	8
Slovenia	865 - 868MHz	8
Spain	865 - 868MHz	8
Sweden	865 - 868MHz	8
United Arab Emirates	865 - 868MHz	8
United Kingdom	865 - 868MHz	8
United States	902 - 928MHz	9

Color

K - Black

Keypad (Select one option)

- 0 - Standard Keypad
- E - HID Elite keypad - reads only HID Elite credentials with corresponding keypad. Line item on PO requires ICE reference number.

2. Enter the numbers/letters from the selections above into the table below.

The resulting "Final Part Number" is used when ordering reader.

Product Class	Product Sub Class	Base Reader	Antenna Code	Color	Keypad	Configuration Setting	
Example	RDR	SE	U90	8	K	0	0000
Final Part Number	RDR	SE	U90	K			0000

3. Place an order.

To place an order for this product, authorized channel partners may submit a purchase order to HID Global Customer Service. Contact information is available at: <http://www.hidglobal.com/customer-service>.

Need credentials? This reader supports the following credentials:

- [UHF cards](#)
- [UHF + iCLASS cards](#)



iCLASS SE Reader Accessories

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 to access the iCLASS SE Configuration Worksheet www.hidglobal.com/node/19914 to determine the exact configuration required. Apply changes to the reader security using programming cards. Contact HID Technical Support (www.hidglobal.com/support) to ensure selecting the proper settings.

Description	Part Number		
	Base Part No.	HID Elite (E) or Standard Security (0 or 2)	Configuration Settings ¹
Reader Configuration Cards			-XXXX = Specific configuration
Reconfigure reader to factory standard settings	SEC9X-CRD-	E = HID Elite Key ² 0 = Standard-1 key or standard-2 key ²	0000 = Factory configuration (Rx models) -0001 = Factory configuration (RPx models) -0002 = Factory configuration (RKx models) -0003 = Factory configuration (RPKx models)
HID Elite Upgrade Cards³ Setup iCLASS SE or multiCLASS SE® eaders for HID Elite credential keys or Reader admin keys	SEC9X-CRD-	E = HID Elite Key ⁴	-P000 = HID Elite reader admin keys
		E = HID Elite Key ²	-P001 = HID Elite credential keys
HID Elite Downgrade Cards³ Setup iCLASS SE or multiCLASS SE readers for standard credential keys or reader admin keys	SEC9X-CRD-	E = HID Elite Key ²	-P002 = Standard reader admin keys
		0 = Standard-1 key or standard-2 key	-P003 = Standard-1 credential keys -P004 = Standard-2 credential keys

¹ 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 to access the iCLASS SE Configuration Worksheet <https://www.hidglobal.com/node/19914>. 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.

² Keys

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

³ HID Elite Upgrade and Downgrade Cards

Reader admin keys and reader credential keys must both be changed to upgrade or downgrade to or from HID Elite. A separate card is required for reader admin keys and reader credential keys. To complete an HID Elite upgrade or downgrade a Reader Configuration Card with specific configuration extension may also be required to modify configuration options other than HID Elite keys, for example modification of 125 kHz or 13.56 MHz interpreters.

⁴ Keys

Specify HID Elite "E" based upon HID Elite keys TO BE LOADED in the reader that needs to be configured.

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	
MDP-00354	R10 / RP10 (or equivalent sized model) Mini Mullion Reader Mounting Plate, Black
6309-103-01	R15 / RP15 (or equivalent sized model) Mullion Reader Mounting Plate, Black
6403-109-01	R40 / RP40 (or equivalent sized model) Wall Switch Reader Mounting Plate, Black
6094-101-01	RK40 / RPK40 (or equivalent sized model) Wall Switch Keypad Reader Mounting Plate, Black
6132AKB	R10 / RP10 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black
6132AKC	R15 / RP15 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black
6132AKT	R40 / RP40 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black
6132AKU	RK40 / RPK40 (or equivalent sized model) Reader Spacer, 12.7mm (0.5 in), Black
6132AKE	R40 / RP40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Black
6132AK	RK40 / RPK40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Black
6132AKR	RM40 / RMK40 (or equivalent sized model) Reader Spacer, Angled, Black
6132AKP	RM40 / RMK40 (or equivalent sized model) Reader Spacer, 25.4mm (1.0 in), Black
6715-305-01	R95A Reader, Cover Assembly, Décor, Euro, White
6715-305-04	R95A Reader, Cover Assembly, Décor, Euro, Black
MDP-00038	R95A Reader, Cover Assembly, Décor, Euro, Grey
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)
MDP-01033	multiCLASS SE Mag Stripe RM40 mounting plate replacement kit
MDP-01034	multiCLASS SE Mag Stripe RMK40 mounting plate replacement kit
MDP-01035	multiCLASS SE Mag Stripe RM40/RMK40 magnetic head replacement kit

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 R40	IP65GSKT-R40
IP65 Gasket Kit, (10) pcs per kit. For use with model RK40	IP65GSKT-RK40

UHF Credential Card Holder

For Proper Placement and Attachment of UHF Credentials to Inside of Car Windshield	Part Number
Windshield Mount, suction cup, adhesive for ID 1 style credential, Blue (Qty 10)	WSHLDMT-BLU
Windshield Mount, suction cup, adhesive for ID 1 style credential, Clear (Qty 10)	WSHLDMT-CLR
Windshield Mount, suction cup, adhesive for ID 1 style credential, White (Qty 10)	WSHLDMT-WHT
Windshield Mount, suction cup, adhesive for ID 1 style credential, Blue (Qty 250)	WSHLDMT-BLU-BULK
Windshield Mount, suction cup, adhesive for ID 1 style credential, Clear (Qty 250)	WSHLDMT-CLR-BULK
Windshield Mount, suction cup, adhesive for ID 1 style credential, White (Qty 250)	WSHLDMT-WHT-BULK
Suction Cups for WSHLDMT - Kit contains (200) cups	WSHLDMT-CUPS
Double sided tape for WSHLDMT - Kit contains (200) pieces	WSHLDMT-TAPE