

HID® Signo™

How to Order Guide - Europe

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Contacts

For technical support, please visit: <https://support.hidglobal.com>.

What's new

Date	Description	Revision
March 2025	Added the HID Signo Decor Reader section.	A.1

A complete list of revisions is available in [Revision history](#).



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HID Signo Readers

Application: HID Signo is the signature line of physical access control readers from HID Global. The versatility, performance and connected capabilities of HID Signo Readers set a new industry benchmark for the most highly adaptable, interoperable and secure approach to electronic access control.

Technologies Supported: Wide variety of contactless low and high frequency credentials, plus HID Mobile Access® Mobile IDs via NFC and/or Bluetooth LE.

Select models are available without Bluetooth LE functionality.

Follow the steps below to determine a standard configuration HID Signo Reader part number.



1. Select hardware option (select one model)



20 - Designed for applications requiring a narrow card reader.



20K - Designed for applications requiring a narrow reader with 2 x 6 capacitive keypad.



40 - Designed for applications requiring switch mounting.



40K - Designed for applications requiring wall switch mounting with 3 x 4 capacitive keypad.



40T - Designed for applications requiring wall switch mounting with 3 x 4 mechanical keypad. (Only available with terminal strip connection)¹

Wiring Connection (select one option)

- N** - Pigtail
- T** - Terminal Strip

Body Color

- K** - Black
- W** - White

Trim/Mounting Plate Color

- S** - Silver

A black trim/mounting plate is available as an accessory item at an additional cost. Please see accessories list below.

Factory Feature Block (option)

- Blank** - Default
- 1** - No Bluetooth LE functionality (example 20TKS1)²



2. Select credential profile (select one option)

	Communication Type	NFC/ BLE	High Frequency												Low Frequency		
	Credentials Technologies Supported	Seos® (Mobile IDs via NFC/BLE)	Seos	iCLASS SE®	iCLASS SR	iCLASS®	MIFARE DESFire EV1 / EV2/EV3 (SIO™)	MIFARE Classic (SIO)	MIFARE DESFire EV1 / EV2/EV3 (CSN)	MIFARE Classic (CSN)	MIFARE DESFire EV1 / EV2/EV3 (Custom Data)	MIFARE Classic (Custom Data)	FeliCa IDm	CEPAS (CAN or UID)	125kHz HID Proximity®	125kHz Indala® Proximity	125kHz EM4102 Proximity
Regular Options	<input type="checkbox"/> 00 - Standard Profile	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	<input type="checkbox"/> 01 - Seos Profile	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<input type="checkbox"/> 02 - Smart Profile	•	•	•	•	•	•	•	-	-	-	-	-	-	-	-	-
	<input type="checkbox"/> 03 - Custom Profile	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	<input type="checkbox"/> U0 - Unprogrammed Profile ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Priority Options⁴	<input type="checkbox"/> T0 - Priority Standard Profile	•	•	•	•	•	•	•	•	-	-	-	-	-	-	-	
	<input type="checkbox"/> T1 - Priority Seos Profile	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<input type="checkbox"/> T2 - Priority Smart Profile	•	•	•	•	•	•	•	-	-	-	-	-	-	-	-	
	<input type="checkbox"/> T3 - Priority Custom Profile	•	•	•	•	•	•	•	•	•	•	•	•	•	-	-	

• Supported - Not supported

Note:

- HID Signo Mechanical Keypad Readers are only available with a terminal strip wiring connection.¹
- HID Signo Readers without Bluetooth LE functionality via Factory Feature Block are only available when ordered with a configuration ID (non -000000 part numbers).²
- Ordering HID Signo readers without Bluetooth LE functionality can limit the in field upgrade capability. The HID Reader Manager App can be used to configure (Android only), and firmware upgrade and configuration can be carried out via HID Linq™ with direct USB connection.²
- U0 Profile readers are autonomously managed by the customer and are only available with terminal strip wiring connection and default reader configuration (000000).³
- HID Signo Mechanical Keypad Readers are only available in 00,01,02, and 03 profiles.⁴

3. Select configuration option

	Credential Profile	Default Reader Configuration	Flexible Default Reader Configuration*		
			Key Input only (ICE or MOB)	Key (ICE or MOB) + Indala Format Input	Indala Format Input only
Wiegand	Standard	000000	001TCX	001UX8	001UX4
	Seos	000000	001UXB	-	-
	Smart	000000	001UXD	-	-
	Custom	000000	00AUY2	00AUYG	00AUY8
OSDP V1	Standard	0104UB	0065H5	0065H7	0065H6
	Seos	0104U3	0065H8	-	-
	Smart	0104TV	0065H9	-	-
	Custom	0104TL	00AV24	00AV2C	00AV29
OSDP V2	Standard	00BMD	0063HH	0063HN	0063HQ
	Seos	00BMMF	0063HK	-	-
	Smart	00BMMG	0063HL	-	-
	Custom	00BMMJ	00AV2N	00AV31	00AV2Y

***Flexible Default Reader Configuration** options offer the same reader settings as the Default Reader Configuration, however they also allow for HID Elite keys (ICE), Mobile keys (MOB) and/or Indala formats to be provided at the time of order. This provides the option for HID Partners to reduce the number of HID Signo part numbers they need to support. A new configuration ID with this information preloaded will also be made available on the reader and documentation to simplify repeat ordering.

- Idle LED color is RED, flash GREEN on card read (see note)
- Tamper enabled
- Keypad 4-bit burst, Keypad backlight RED (keypad readers only)
- Visual Impaired Mode enabled
- Velocity Check disabled and Intelligent Power Management mode disabled
- Wiegand, OSDP V1, or OSDP V2 controller communication

For any other configuration, including non-standard credential configurations, please use the interactive online [HID Product Configurator](#). An example of a “non-standard” credential configuration would be where you would like to order a Standard Profile HID Signo Reader with Indala and CSN credential read capability disabled.

Note:

- No changes to reader configuration IDs are required when opting for the new counterpart priority credential profile. For example, if you are using “001TCX” with a Seos (01) profile reader, you can continue using the same configuration ID with a Priority Seos Profile (T1) reader.
- HID Signo white reader default, Idle LED color is Blue, flash GREEN on card read.

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

Assemble your selections from Step 1 to 3.

	Reader Model	Wiring Connection	Body Color	Trim Color		Credential Profile		Configuration Option
Example	20	T	K	S	–	00	–	000000
Final Part Number			K	S	–		–	000000

5. Place an order

To place an order for HID Signo readers, authorized channel partners may submit a purchase order to HID Global Customer Service at <https://www.hidglobal.com/customer-service>

HID Signo Common and Popular orderable Part Numbers

HID Signo part numbers below provide full compatibility with the associated iCLASS SE / multiCLASS SE® readers. Seos and smart profiles provide focused credential compatibility, please refer to the original reader configuration to determine the appropriate profile.

iCLASS SE / multiCLASS SE Part Number	Compatible HID Signo Reader Part Number (pigtail)	iCLASS SE / multiCLASS SE Part Number	Compatible HID Signo Reader Part Number (terminal strip)
900NTNNEK00000 (R10) 900PTNNEK00000 (RP10) 910NTNNEK00000 (R15) 910PTNNEK00000 (RP15)	Signo 20 20NKS-00-000000	900NTNTEK00000 (R10) 900PTNTEK00000 (RP10) 910NTNTEK00000 (R15) 910PTNTEK00000 (RP15)	Signo 20 20TKS-00-000000
920NTNNEK00000 (R40) 920PTNNEK00000 (RP40)	Signo 40 40NKS-00-000000	920NTNTEK00000 (R40) 920PTNTEK00000 (RP40)	Signo 40 40TKS-00-000000
921NTNNEK00000 (RK40) 921PTNNEK00000 (RPK40)	Signo 40 Keypad 40KNKS-00-000000	921NTNTEK00000 (RK40) 921PTNTEK00000 (RPK40)	Signo 40 Keypad 40KTKS-00-000000 40TTKS-00-000000
921NTNNEK00000 (RK40) 921PTNNEK00000 (RPK40)	Signo 20 Keypad 20KNKS-00-000000	921NTNTEK00000 (RK40) 921PTNTEK00000 (RPK40)	Signo 20 Keypad 20KTKS-00-000000
Note: HID Signo 20K reader is mullion mount with 2 x 6 keypad		Note: HID Signo 20K reader is mullion mount with 2 x 6 keypad	

HID Signo Express Reader

Application: The HID Signo Express reader is a deviation from the flagship HID Signo reader line that focuses on offering a simplified out of the box experience, ideal for small/medium business use cases.

Technologies Supported: Seos, ISO14443 UID and HID Mobile Access Mobile IDs via NFC and/or Bluetooth LE.

Follow the steps below to determine a standard configuration HID Signo Express Reader part number.



1. Select hardware option



20X - Designed for applications requiring a narrow card reader.

Wiring Connection

T - Terminal

Body Color

K - Black

Trim/Backplate Color

K - Black

2. Select credential profile (Select one option)

Communication	NFC	BLE	High Frequency		
			Seos	MIFARE DESFire EV1/EV2/EV3 (CSN)	MIFARE Classic (CSN)
Credentials Supported	Seos (Mobile IDs)	Seos (Mobile IDs)	Seos	MIFARE DESFire EV1/EV2/EV3 (CSN)	MIFARE Classic (CSN)
<input type="checkbox"/> X0 - Seos + BLE	•	•	•	–	–
<input type="checkbox"/> X1 - Seos	•	–	•	–	–
<input type="checkbox"/> X2 - Seos + CSN + BLE	•	•	•	•	•
<input type="checkbox"/> X3 - Seos + CSN	•	–	•	•	•

• Supported – Not supported

3. Select Configuration Options

Credential Profile	Default Reader Configuration	Flexible Default Reader Configuration* Key Input (ICE or MOB)
X0 - Seos + BLE	000000	001Y8K
X1 - Seos	000000	001Y8M
X2 - Seos + CSN + BLE	000000	001Y8N
X3 - Seos + CSN	000000	001Y8P

***Flexible Default Reader Configuration** options offer the same reader settings as the Default Reader Configuration, however they also allow for HID Elite keys (ICE), Mobile keys (MOB) to be provided at the time of order. This provides the option for HID Partners to reduce the number of HID Signo Express part numbers they need to support.

000000 – Standard Configuration:

- Idle LED color is RED, flash GREEN on card read
- Tamper enabled
- Surface detection automatic enabled
- Visual Impaired Mode enabled
- Velocity Check disabled and Intelligent Power Management mode disabled

For any other configuration, HID Signo Express Readers can be configured in the field with [HID Reader Manager](#).

4. Orderable SKU

Profile	Reader Model	Wiring Connection	Body Color	Trim Color		Credential Profile		Configuration Option
Seos + BLE	20X	T	K	K	-	X0	-	000000
								001Y8K
Seos						X1		000000
								001Y8M
Seos + CSN + BLE						X2		000000
	001Y8N							
Seos + CSN	X3	000000						
		001Y8P						

5. Place an order

Check with your HID representative on availability in your region. To place an order for HID Signo Express Readers, authorized channel partners may submit a purchase order to HID Global Customer Service at <http://www.hidglobal.com/customer-service>

HID Signo Décor Reader

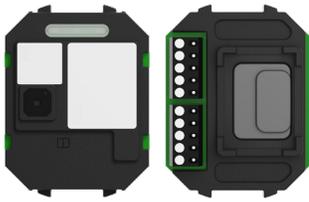
Application: The HID Signo Décor reader is a derivative of the flagship HID Signo reader line and provides a flexible solution to enabling reader integration applications.

Technologies Supported: Wide variety of contactless high frequency credentials, plus HID Mobile Access Mobile IDs via NFC and/or Bluetooth LE. Select models are available without Bluetooth LE functionality.

Ordering: As the HID Signo Décor is for integration application, the product is available as module only, or as an integration kit that includes the module. Follow the steps below to determine the orderable part numbers.



1. HID Signo Décor (module only)



30TKM - Designed for integration application.

2. Select credential profile (select one option)

Communication Type	NFC/ BLE	High Frequency												
		Seos (Mobile IDs via NFC/ BLE)	Seos	iCLASS SE	iCLASS SR	iCLASS	MIFARE DESFire EV1/ EV2/EV3 (SIO)	MIFARE Classic (SIO)	MIFARE DESFire EV1/ EV2/EV3 (CSN)	MIFARE Classic (CSN)	MIFARE DESFire EV1/ EV2/EV3 (Custom Data)	MIFARE Classic (Custom Data)	FeliCa IDm	CEPAS (CAN or UID)
<input type="checkbox"/> 00 - Standard Profile	•	•	•	•	•	•	•	•	•	•	-	-	-	-
<input type="checkbox"/> 01 - Seos Profile	•	•	-	-	-	-	-	-	-	-	-	-	-	-
<input type="checkbox"/> 02 - Smart Profile	•	•	•	•	•	•	•	-	-	-	-	-	-	-
<input type="checkbox"/> 03 - Custom Profile	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<input type="checkbox"/> U0 - Unprogrammed Profile ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•

• Supported – Not supported

Note:

- HID Signo Décor Readers do not support Low Frequency Credentials
- U0 Profile readers are autonomously managed by the customer

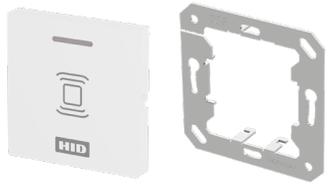
3. Select configuration option (Configurations are common with HID Signo Models)

	Credential Profile	Default Reader Configuration	Flexible Default Reader Configuration* Key Input (ICE or MOB)w
Wiegand	Standard	000000	001TCX
	Seos	000000	001UXB
	Smart	000000	001UXD
	Custom	000000	00AUY2
OSDP V1	Standard	0104UB	0065H5
	Seos	0104U3	0065H8
	Smart	0104TV	0065H9
	Custom	0104TL	00AV24
OSDP V2	Standard	00BMMD	0063HH
	Seos	00BMMF	0063HK
	Smart	00BMMG	0063HL
	Custom	00BMMJ	00AV2N

***Flexible Default Reader Configuration** options offer the same reader settings as Default Reader Configuration; however, they also allow for HID Elite keys (ICE) or Mobile keys (MOB) formats to be provided at the time of order. This provides the option for HID Partners to reduce the number of HID Signo Décor part numbers they need to support. A new configuration ID with this information preloaded will also be made available on the reader and documentation to simplify repeat ordering.

- Idle LED color is RED, flash GREEN on card read (see note)
- Tamper enabled
- Velocity Check disabled and Intelligent Power Management mode disabled
- Wiegand, OSDP V1, or OSDP V2 controller communication

4. Select Integration Kit option (If required)

Part Number	Description	Color	Compatibility	Image
DE1W	55mm x 55mm integration kit	White	Gira (System 55) Jung (AS 500)	

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

Assemble your selections from Step 1 to 4.

	Reader Model		Credential Profile		Configuration Option		Kit Option
Module Only Example	30TKM	–	00	–	000000		
Integration Kit (Module + Kit) Example	30TKM	–	00	–	XXXXXX	–	DE1W

6. Place an order

To place an order for HID Signo readers, authorized channel partners may submit a purchase order to HID Global Customer Service at <https://www.hidglobal.com/customer-service>

HID Signo Accessories and Credentials

Need accessories or compatible credentials? HID Signo readers support (depending on configuration) the following credentials:

- Mobile IDs
- Seos
- iCLASS SE
- iCLASS
- HID Prox™
- Indala Proximity
- MIFARE DESFire
- MIFARE Classic

Wall Spacers		Part Number
	Signo 20/20K Reader 0.5 Inch Spacer, Black	20-K-05
	Signo 20/20K Reader, 0.5 Inch Spacer, Silver	20-S-05
	Signo 20/20K Reader, 0.5 Inch Spacer, White	20-W-05
	Signo 20/20K Reader, 1 Inch Spacer, Black	20-K-10
	Signo 20/20K Reader, 1 Inch Spacer, Silver	20-S-10
	Signo 20/20K Reader, 1 Inch Spacer, White	20-W-10
	Signo 40/40K Reader, 0.5 Inch Spacer, Black	40-K-05
	Signo 40/40K Reader, 0.5 Inch Spacer, Silver	40-S-05
	Signo 40/40K Reader, 0.5 Inch Spacer, White	40-W-05
	Signo 40/40K Reader, 1 Inch Spacer, Black	40-K-10
	Signo 40/40K Reader, 1 Inch Spacer, Silver	40-S-10
	Signo 40/40K Reader, 1 Inch Spacer, White	40-W-10

0.5 Inches = 1.27 cm
1 Inch = 2.54 cm

Mounting Plate/Trim Color		Part Number
	Signo 20 Reader Mounting Plate, Black	20-K-MP
	Signo 20 Reader Mounting Plate, Silver	20-S-MP
	Signo 20 Reader Mounting Plate, White	20-W-MP
	Signo 20K Reader Mounting Plate, Black	20KT-K-MP
	Signo 20K Reader Mounting Plate, Silver	20KT-S-MP
	Signo 20K Reader Mounting Plate, White	20K-W-MP
	Signo 40 Reader Mounting Plate, Black	40-K-MP
	Signo 40 Reader Mounting Plate, Silver	40-S-MP
	Signo 40 Reader Mounting Plate, White	40-W-MP
	Signo 40K Reader Mounting Plate, Black	40KT-K-MP
	Signo 40K Reader Mounting Plate, Silver	40KT-S-MP
	Signo 40K Reader Mounting Plate, White	40KT-W-MP
	Signo 40/40K Adaptor Plate, Black	40-K-AP

Pluggable Pigtail accessory		Part Number
	Signo Pluggable Pigtail accessory, 18 Inch (x10 pcs)	SIGNO-CBL-18

HID Signo Reader Configuration

HID Signo Readers are designed to be configured using the HID Reader Manager application, a tool that provides powerful configuration and upgrade capabilities through a convenient smart phone application.

The App Store (Apple devices)



Google Play (Android devices)





Revision history

Date	Description	Revision
March 2025	Added the HID Signo Decor Reader section.	A.1
January 2025	Initial release.	A.0



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