Schneider Electric HID® Signo™ Readers

Models: 20, 20K, 40 and 40K

HID Signo™ is the new signature line of physical access control readers from HID Global that are brand labeled specifically for Schneider Electric.

Benefits of Transitioning to Signo™ Readers

- **Save Time & Reduce Costs** – system integrators can now more efficiently design and bid on projects due to consolidated hardware options reducing the number of parts to choose from. Signo Readers also reduce installation costs due to new terminal block wiring design.

- **Highly Versatile** – support for the widest range of credential technologies, including HID Mobile Access allows customers to upgrade at their own pace and get the markets latest reader technology.

- **Unparallel Performance** – ultra secure storage of cryptographic keys, automatic recalibration for optimized read range gives security and building managers ease of mind that their building is highly secure and ensures building occupants easy access to authorized areas.

- **Connected to the Future** – all readers include out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication with native mobile access. This enables building owners to future proof their security systems with easy migration from Wiegand to OSDP and allows them to introduce mobile access whenever they are ready.

Feature Highlights

- **Native OSDP** secure channel capability

- **Mobile-ready** by default (2.4 GHz Bluetooth & 13.56 MHz NFC)

- **Supports over 15** common credential technologies*

- **EAL5+ Certified** Secure Element Hardware

- **Robust outdoor** performance with IP65 rating

- **Easily and securely** managed using HID Reader Manager®

*Dependent upon reader profile e.g. Standard vs SEOS

Which profile to choose?

The Standard Profile is designed to provide maximum support for a wide-range of credentials, including legacy technologies. Where the Seos Profile is designed for greenfield deployments that want to deliver best-in-class security and privacy protection.

Communication	NFC/BLE	High Frequency												Low Frequency		
Credentials 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
☐ 00 – Standard Profile	●	●	●	●	●	●	●	●	●	-	-	-	-	●	●	●
☐ 01 – Seos Profile	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Part Number Selector

Application	Connection Type	Upgrade/Transition (Seos® + iClass® + Prox)*	Greenfield (Seos® Only)
Signo 20 – Ideal for mounting on narrow door frames, turnstiles, elevators or anywhere a small footprint is desired	Pigtail	20NKS00000000SE01	20NKS0100001HSE01
	Terminal Strip	20TKS00000000SE01	20TKS0100001HSE01
Signo 20K – Ideal for mounting on narrow door frames, turnstiles, elevators or anywhere a small footprint is desired, supports keypad	Pigtail	20KNKS00000000SE01	20KNKS0100001HSE01
	Terminal Strip	20KTKS00000000SE01	20KTKS0100001HSE01
Signo 40 – Ideal for mounting on classic single gang back boxes	Pigtail	40NKS00000000SE01	40NKS0100001HSE01
	Terminal Strip	40TKS00000000SE01	40TKS0100001HSE01
Signo 40K – Ideal for mounting on classic single gang back boxes, supports keypad	Pigtail	40KNKS00000000SE01	40KNKS0100001HSE01
	Terminal Strip	40KTKS00000000SE01	40KTKS0100001HSE01

Other special offerings within the Signo platform are Schneider Electric specific formats which are commonly used on the TAC I/NET, Andover Continuum and ESMI systems. Signo readers can be ordered with these specific formats or MOB key pre-loaded.

Schneider Electric Format / MOB	Signo Part #	Signo Part Description
Andover 37-Bit Indala Readers	40NKS0000038ASE01	HID Signo 40, pigtail, Standard profile, Andover 37 format
	20NKS0000038ASE01	HID Signo 20, pigtail, Standard profile, Andover 37 format
	40KNKS0000038BSE01	HID Signo 40K, keypad & pigtail, Standard profile Andover 37 format
	40KNKS0000038CSE01	HID Signo 40K, keypad & pigtail, Standard profile Andover 37 format, 8 Bit, CSN 32 Bit
	40KNKS0000038DSE01	HID Signo 40K, keypad & pigtail, Standard profile Andover 37 format, 26 Bit
CSI Indala Readers	40KNKS0000038FSE01	HID Signo 40K, keypad & pigtail, Standard profile, CSI format
	20NKS0000038ESE01	HID Signo 20, pigtail, Standard profile, CSI format
	40NKS0000038ESE01	HID Signo 40, pigtail, Standard profile, CSI format
ESMI 27-Bit Indala Readers	20KNKS0000039WSE01	HID Signo 20K, keypad & pigtail, Standard profile, ESMI 27 format
	20NKS0000039WSE01	HID Signo 20, pigtail, Standard profile, ESMI 27 format
ESMI 29-Bit Indala Readers	20NKS0000039XSE01	HID Signo 20, pigtail, Standard profile, ESMI 29 format
	20KNKS0000039XSE01	HID Signo 20K, keypad & pigtail, Standard profile, ESMI 29 format
Norway Mobile Enabled Readers	40KTKS0000041PSE01	HID Signo 40K, terminal, Standard profile ESMI format, mobile enabled MOB0145
	40KTKS0000041RSE01	HID Signo 40K, keypad & terminal, Standard profile Security Expert format, mobile enabled MOB0145
	20NKS000003A0SE01	HID Signo 20, pigtail, Standard profile, mobile enabled MOB0145
	20KNKS000003A0SE01	HID Signo 20K, keypad & pigtail, Standard profile, mobile enabled MOB0145

Schneider Electric Format / MOB	Signo Part #	Signo Part Description
Finland Mobile Enabled Readers	20NKS000008M2SE01	HID Signo 20, pigtail, Standard profile, ESMI 27 format, mobile enabled MOB00028
	40KNKS000008M2SE01	HID Signo 40K, keypad & pigtail, Standard profile, ESMI 27 format, mobile enabled MOB00028
	20TKS000008M2SE01	HID Signo 20, terminal, Standard profile, ESMI 27 format, mobile enabled MOB00028
	40KNKS0000099FSE01	HID Signo 40K, keypad & pigtail, Standard profile, ESMI 29 format, mobile enabled MOB00028
	20NKS0000099FSE01	HID Signo 20, pigtail, Standard profile, ESMI 29 format, mobile enabled MOB00028

HID Reader Manager

HID® Reader Manager™ enables management of HID Signo™ readers in the field with a mobile device via Bluetooth.

The HID Reader Manager application is available to download for free from the following locations:

- iPhone – Apple App Store
- Android – Google Play Store

Key Features

- **Update Reader Firmware in the Field –** Empower reader technicians with the capability to introduce new functionality and security enhancements to HID readers post installation via firmware update

- **Load HID Elite and Mobile Keys –** Securely authenticate and manage HID reader keys, including the capability to roll standard to HID Elite custom authentication keys for additional security

- **Enable and Disable Credential Technologies –** Close the gap and complete a migration to secure credential technologies (such as Seos® and Mifare DESFire EV2) by disabling reader support for legacy credential technologies

- **Personalize Every Reader –** Adjust LED colors to match up with corporate themes or enable powerful features such as Intelligent Power Management to reduce power consumption