



Proximity card reader

Signo 20K



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. Offering an unparalleled breadth of functionality, HID Signo affords security system installers and administrators a simple and effective approach to secure access control for almost any scenario. With support for the widest array of credential technologies — past, present and future — HID Signo is the perfect choice for those looking to make the transition to a secure authentication technology. HID Signo readers transcend the traditional approach to security by being designed to be connected and managed remotely without needing to physically touch each device. This functionality empowers access control systems to dynamically respond as new needs, configurations or threats arise.

Highly Versatile — Support for the widest range of credential technologies, including HID Mobile Access® via native Bluetooth and Near Field Communication (NFC). □

Unparalleled Performance — Ultra secure storage of cryptographic keys on certified secure element hardware, plus a new surface detection feature that enables the reader to automatically recalibrate and optimize read range performance.

□ **Connected to the Future** — All readers include out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication.

Product number	Output interface		Connector type		Bluetooth
	Wiegand	OSDP	Cube	Flexible cable	
20KNKS-01-000000	*	*		*	*
20KNKS-02-000000	*	*		*	*
20KNKS-00-000000	*	*		*	*
20KTKS-01-000000	*	*	*		*
20KTKS-02-000000	*	•	*		*
20KTKS-00-000000	*	•	*		*

Product number	Supported technologies											
	HID® Prox	iCLASS Seos®	iCLASS SE®	iCLASS SR®	iCLASS®	MIFARE® Classic	MIFARE DESFire® EV1	Mobile NFC	Indala	HID Mobile Access	UNIQUE	ISO14443 UID
20KNKS-01-000000		*						*		*		
20KNKS-02-000000		*	*		*	*	*	*		*		
20KNKS-00-000000	*	*	*		*	*	*	*	*	*	*	
20KTKS-01-000000		*	*		*	*	*	*		*		
20KTKS-02-000000		*	*		*	*	*	*		*		
20KTKS-00-000000	*	*	*		*	*	*	*	*	*	*	

Reader type	proximity
Card standard	Unique, MIFARE®, MIFARE® DESFire®, HID® iCLASS® Seos®, HID® iCLASS SE®, HID® iCLASS®, HID® Prox, HID Mobile Access®
Operating frequency	125 kHz, 13,56 MHz, NFC, Bluetooth
Read range	up to 10 cm
Supply voltage	12 V DC





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Current load	65 mA
Keypad	yes
Tamper sensor	optical
Output interface	Wiegand, Open Supervised Device Protocol (OSDP)
Hardware connection	terminal strip or pigtail
Dimensions	121.5 mm x 43 mm x 21.5 mm
Indoor /outdoor	for indoor and outdoor use
Temperature range	-35°C to 65°C
Humidity (non-condensing)	0% - 95%

