20NKS-02-000000

Signo 20, Mullion, 13.56 MHz Profile, OSDP/Wiegand, Pigtail, Mobile Ready, BLE

HID® Signo™ Readers

HID® Signo™ is the signature line of physical access control readers from HID Global. The versatility, performance and connected capabilities of HID Signo readers offers a highly adaptable, interoperable and secure approach to electronic access control. HID Signo affords security system installers and administrators a simple and effective approach to secure access control for almost any scenario.

With support for a wide array of credential technologies — past, present and future — HID Signo is a good choice for those looking to make the transition to another technology. HID Signo readers are designed to be connected and managed via HID Reader Manager® remotely by Bluetooth. For some settings the reader will need to be re-powered. This allows for access control systems to dynamically respond as new needs, configurations or threats arise.

The signature line of readers from HID Global

Highly Versatile - Support for a wide range of credential technologies, including HID Mobile Access® via native Bluetooth and Near Field Communication (NFC).

Optimized 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.

Hands free management - No need to interact with the device. Go mobile with native Bluetooth and NFC support.

Migration - Integrated 125 kHz credential read support for easy migration. Supports a variety of common credential technologies. Deactivate legacy credential technology will conclude secure migration.

Mounting - Flush mount terminal block and pigtail wiring options. Robust outdoor performance with an IP65 rating.

Configuration - No configuration cards are available, configuration settings are managed via a mobile device using Reader Manager.



Détails

- Multi-Layered security to ensure data authenticity and privacy
- EAL 6+ Certified Secure Element Hardware
- Native OSDP secure channel capability
- Trusted secure authentication using the SIO data model
- Supports iCLASS Elite™ and Corporate 1000 Programs
- Go mobile with native Bluetooth and NFC support
- Integrated 125 kHz credential read support for easy migration
- Supports over 15 common credential technologies
- Flush mount terminal block and pigtail wiring options
- Robust outdoor performance with an IP65 rating
- Easily and securely managed using HID Reader Manager®
- Configure via a mobile device or OSDP
- Update firmware in response to threats
- Personalize by configuring audio visual or keypad settings
- Deactivate legacy credential technology to conclude secure migration
- Mobile-ready by default, including Apple's Enhanced Contactless Polling (ECP) to support credentials in Apple Wallet
- Designed to seamlessly integrate into the HID Origo® ecosystem

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Spécifications techniques

Système

Distance de lecture	Seos®, MIFARE Classic, MIFARE DESFire EV1/EV2 & ISO14443A Single Technology Cards - 4 to 10 cm
Nbre de LED	Tri-color LED
Nbre de couvercles inclus	1
Langue du manuel d'installation	English

Technologie

Type de lecteur	Single frequency
Fréquence de transmission du fonctionnement du lecteur	13.56 MHz, 2.4 GHz
Technologie supportée 13,56 MHz	Corporate 1000, iCLASS ELITE, iCLASS SE, iCLASS SR, Mifare Classic (SIO), Mifare DESFire EV1 (SIO), Mifare DESFire EV2 (SIO), SEOS, SEOS (Mobile IDs via NFC/BLE), Smart profile
Technologie 2,4 GHz prise en charge	Bluetooth, Mobile ready, Smart profile
Type Mifare	ISO14443A

Interface et connexions

Interface	OSDP V1, OSDP V2, OSDP V2 Secure Channel, Wiegand
Type de connecteur	Queue cochon
Longueur de la queue de cochon	0.5 m
Device input	Tri-color LED, Buzzer, Hold @ Active Low
Device output	Tamper Relay 0 to 60 VDC @ 100 mA Max. (Dry Contact)

Type d'autoprotection

Levier d’arrêt inviolable	Non
Ouverture d'autoprotection	Oui

Opération

Code PIN clavier	Non

Électrique

Tension de fonctionnement	12 VDC
Consommation de courant	70 mA (max. average)
Consommation électrique	250 mA (peak)

Caractéristiques physiques

Dimensions physiques	45 x 121.5 x 19.5 mm
Poids net	95 g
Couleur	Noir avec plaque arrière argentée
Matériel	Polycarbonate - UL94V-0
Types de format	Mullion
Type de montage	Montage en surface, Fixation murale

Environnement

Protection contre le vandalisme	No
Environnement	Intérieur, Extérieur
Température de fonctionnement	-35 to +66°C
Humidité relative	0 to 95% noncondensing
Indice de protection	IP65 and IK07

Régulateur

Security rating	EAL6+
Conformité	Bluetooth SIG, CE, cUL, FCC, GreenCircle, IC, iDA, KCC, MIC, NCC, RCM, RoHS 2, SRRC, UL 294
Patents	www.hidglobal.com/patents
Warranty	Limited Lifetime

Electrical

Current draw : NSC (=Normal Standby Current)	60 mA See Installation Guide for details
Current draw : IPM (=Intelligent Power Management)	45 mA Reduces reader current consumption up to 43%, based on model, compared to standard operating mode.

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