

HID[®] Signo[™] Express

Simplicity meets security for traditional physical access control.

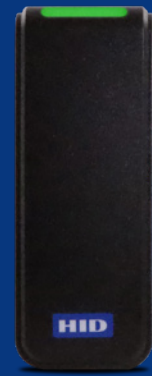
- **Flexible, cost-effective platform** — refined pricing options for situations where only the essential capabilities for physical access are needed
- **Up and running in minutes** — available in a limited set of default configurations that are ready to go onto the wall, straight out of the box
- **Remarkable Seos[®] performance** — optimized to deliver the best user experience on Seos, physical card or mobile credential

HID Signo Express Readers distill the essential capabilities from the signature line to deliver a simplified and more cost-effective solution for secure physical access control.

Supported in all reader options, the industry-leading Seos credential technology provides peace of mind with robust encryption, unrivalled privacy protection and assured protection with third party validation.

In today's mobile-first world, many building occupants want to authenticate with their own device in hand via contactless technology, and HID Signo Express is ready and available. Support for Bluetooth Low Energy (Bluetooth LE) and Near-Field Communication (NFC) technologies allows for the use of HID Mobile Access[®]. Additionally, an option is also available to read credentials with ISO14443 unique identification (UID) number for migration support.

To simplify the ordering process, Wiegand output and terminal connection are standardized for this model. Once installed, HID Signo Express Readers are easy to upgrade and manage with Bluetooth LE capability onboard. They are fully compatible with HID Reader Manager to conveniently configure and upgrade firmware in the field.



SRD Model : 20

POWERFULLY SECURE

- Multi-layered security to ensure data authenticity and privacy
- EAL5+ Certified Secure Element Hardware
- Trusted secure authentication using the SIO data model
- Supports HID Elite[™] and Corporate 1000 Programs

THE ESSENTIALS FOR MODERN PHYSICAL ACCESS CONTROL

- Seos and UID read capability
- Mobile capability with native Bluetooth and NFC support
- Wiegand output with terminal connection option only
- Robust outdoor performance with an IP65 rating

MANAGE, UPGRADE AND CONFIGURE

- Manage easily and securely using HID Reader Manager via a mobile device
- Update firmware in response to threats
- Personalize by configuring audiovisual settings
- Deactivate CSN read capability to conclude secure migration

HID[®] Signo[™] Express



HID Signo Reader Model	20 Express
2.4 GHz (Bluetooth) Credential Compatibility	Mobile Credentials powered by Seos (HID Mobile Access)
13.56 MHz (NFC) Credential Compatibility	Seos, MIFARE [®] Classic [®] , MIFARE DESFire [®] EV1/EV2/EV3 (CSN/UID read only)
Typical Read Range¹	Seos Single Technology Cards - 1.6 in (4 cm) ¹
Mounting	Suited for mullion-mount door installations or any flat surface mounting
Color	Black bezel with black trim baseplate ²
Dimensions (width x length x depth)	1.77 in x 4.78 in x 0.77 in (45 mm x 121.5 mm x 19.5 mm)
Product Weight	3.35 oz (95 g)
Operating Voltage³	12V DC
Current Draw⁴	NSC ⁵ : 60 mA Peak: 250 mA Max. Avg: 70 mA IPM ⁶ : 45 mA
Device Input and Output	Input: Tricolor LED, Buzzer, Hold @ Active Low Output: Tamper Relay 0-60V DC @ 100mA Max (Dry Contact)
Operating Temperature & Humidity	-31° F to +150° F (-35° C to +66° C) 0% to 95% non-condensing
Storage Temperature	-40° F to +185° F (-40° C to +85° C)
Environmental Rating	UL294 Outdoor and Indoor rated, IP65
Transmit Frequency	13.56 MHz, and 2.4 GHz
Communications & Panel Connection	Wiegand, Terminal Connection
Device Management	HID Reader Manager
Availability & Product Certifications	Check with your HID representative on availability in your region. UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (China), MIC/Giteki (Japan) WPC/BIS (India), KCC (Korea), NCC (Taiwan), iDA (Singapore), MIC (Japan), RoHS, GreenCircle, Bluetooth SIG and additional regions. www.hidglobal.com/certifications
Security Ratings	EAL 5+ Certified Secure Element Hardware
Patents	www.hidglobal.com/patents
Housing Materials	Polycarbonate – UL94 V0
UL Reference Number	20
Warranty	Limited Lifetime

¹ Read range listed is statistical mean rounded to nearest centimeter increment for ID-1 or clamshell credentials. HID Global testing occurs in open air. Form factor, technology and environmental conditions, including metallic mounting surface, can degrade read range performance; plastic spacers are recommended to improve performance on metallic mounting surfaces.

² Black spacers available as an additional accessory at an additional cost.

³ Measured in accordance with UL294 standards at +10% and -15% of rated voltage input

⁴ Measured in accordance with UL294 standards; see *Installation Guide* for details.

⁵ INSC — Normal Standby Current; see *Installation Guide* for details.

⁶ Intelligent Power Management (IPM) — Reduces reader current consumption up to 43%, based on model, compared to standard operating mode.



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