PRODUCT COMPARISON CHART

HID Biometrics Comparison Chart

	HID Biometric Fingerprint Reader Category	3-Factor Authentication Reader supporting iCLASS® Seos® and iCLASS® Legacy.	2-Factor Authentication and authorization supporting High Frequency Smart Credentials including iCLASS® Seos®
General Information	Purpose	US Federal Government and Global Commercial Verticals for high security PACS applications.	Global Commercial Verticals for high security PACS applications.
	Image		
	Model	RKLB40, RKL40, RPKL40	Signo 25B
	Base Part Number	928N, 929N, 929P	Signo 25B
	Description	Biometric Fingerprint, contactless credential reader with keypad and display.	Biometric fingerprint and contactless credential reader with built in BLE support for HID Mobile Access®
	Reader+Controller	No	Yes
Credential Technology Supported	Credential Compatibility	iCLASS Seos 8Kb only iCLASS 16-32Kb only	iCLASS Seos, iCLASS SE®, iCLASS MIFARE™ Classic, MIFARE™ DESFire™ EV1/EV2 CSN,NFC
	HID Mobile Access	No	Yes
Device Physical Characteristics	Mounting	Single or Double gang switch box	Mullion
	Connector Type	Terminal Block	Pigtail
	Dimension (w x l x d)	4.8" x 6.1" x 1.1" (12.2 cm x 15.6 cm x 3.0 cm)	1.97" x 8.03" x 2.17" (5.0 cm x 20.4 cm x 5.5 cm)
	Weight	16.01 oz (0.45 kg)	13.40 oz (0.38 kg)
	Color	Black	Black and Silver
Device Specification	Operating Voltage Range	12 VDC	12 VDC
	Current Draw (Max)	255mA	1.5A
	Operating Temperature Range	14° F to 122° F (-10° C to 50 °C)	-4° F to 153° F (-20° C to 66° C)
	Environmental and Impact Rating	IP55	IP67, IK09
Biometric and Device Functions	Fingerprint Sensor Type	Optical (Morpho)	Multispectral (HID patented)
	Liveness and Spoof Detection	No	Yes
	Template Interoperability	ANSI-378	ANSI-378 (1:1, Template on Card (ToC)) HID Proprietary (1:N)
	Authentication Modes	Template-on-Card (iCLASS Seos, iCLASS only) Template-on-Card + PIN	Template on Card (iCLASS Seos Only) Card + Finger (1:1 Template-on-Device) Finger Only (1:N Template-on-Device)
	Enrollment	Integrated Reader/Enrollment device	Enrollment Device via Web-Based HID Biometric Manager and via HID Signo Biometric API
	Device Capacity	N/A	Template on card – Unlimited Template on device – 50,000 (1:1 Verification), 5000 (1: N Authentication), 1M event log messages.
	Device Management	NA	HID Biometric Manager – Web based software for device configuration and management HID Signo Biometric API for integration with OEM Partner Access Control System for device as reader or reader/controller.
Communication Interface & IO	Host Communication	No	Yes (TCP/IP) – IPv4
	Controller Communication	Wiegand Clock-and-Data	Wiegand OSDP via RS-485 * OSDP Bio functions support
	Downstream Reader Support	NA	1 OSDP Reader (PD Mode)
	Input/Output	NA	1 - TTL Input/output (selectable) 1 – Supervised Input / TTL Output (selectable) 1 - Form-C Relay
	HID Mobile Access, OSDP as standard	No	Yes

*Available in future releases

hidglobal.com

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