



# 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 supporting High Frequency Smart Credentials including iCLASS® Seos®
<b>General Information</b>	<b>Purpose</b>	US Federal Government and Global Commercial Verticals for high security PACS applications.	Global Commercial Verticals for high security PACS applications.
	<b>Image</b>		
	<b>Model</b>	RKLB40, RKL40, RPKL40	RB25F
	<b>Base Part Number</b>	928N, 929N, 929P	RB25F
	<b>Description</b>	Biometric Fingerprint, contactless credential reader with keypad and display.	Biometric fingerprint and contactless credential reader with built in BLE support for HID Mobile Access®
	<b>Reader+Controller</b>	No	Yes*
<b>Credential Technology Supported</b>	<b>Credential Compatibility</b>	iCLASS Seos 8Kb only iCLASS 16-32Kb only	iCLASS Seos, iCLASS SE®, iCLASS MIFARE™ Classic, MIFARE™ DESFire™ EV1/EV2 CSN,NFC
	<b>HID Mobile Access</b>	No	Yes
<b>Device Physical Characteristics</b>	<b>Mounting</b>	Single or Double gang switch box	Mullion
	<b>Connector Type</b>	Terminal Block	Pigtail
	<b>Dimension (w x l x d)</b>	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)
	<b>Weight</b>	16.01 oz (0.45 kg)	13.40 oz (0.38 kg)
	<b>Color</b>	Black	Black and Silver
<b>Device Specification</b>	<b>Operating Voltage Range</b>	12 VDC	12 VDC
	<b>Current Draw (Max)</b>	255mA	1.5A
	<b>Operating Temperature Range</b>	14° F to 122° F (-10° C to 50° C)	-4° F to 153° F (-20° C to 66° C)
	<b>Environmental and Impact Rating</b>	IP55	IP67, IK09
<b>Biometric and Device Functions</b>	<b>Fingerprint Sensor Type</b>	Optical (Morpho)	Multispectral (HID patented)
	<b>Liveness and Spoof Detection</b>	No	Yes
	<b>Template Interoperability</b>	ANSI-378	ANSI-378 (1:1, Template on Card (ToC)) HID Proprietary (1:N)
	<b>Authentication Modes</b>	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)
	<b>Enrollment</b>	Integrated Reader/Enrollment device	Enrollment Device via Web-Based HID Biometric Manager
	<b>Device Capacity</b>	N/A	Template on card - Unlimited Template on device - 50,000 (1:1 Verification), 5000 (1: N Authentication), 1M event log messages.
	<b>Device Management</b>	NA	HID Biometric Manager - Web based software for device configuration and management *API/SDK for integration with 3rd party partners Reader Manager for offline Reader configuration and management including firmware upgrade.
<b>Communication Interface &amp; IO</b>	<b>Host Communication</b>	No	Yes (TCP/IP) - IPv4
	<b>Controller Communication</b>	Wiegand Clock-and-Data	Wiegand OSDP* via RS-485 * OSDP Bio functions support
	<b>Input/Output</b>	NA	1 - TTL Input/output (selectable) 1 - Supervised Input / TTL Output (selectable) 1 - Form-C Relay
	<b>HID Mobile Access, OSDP as standard</b>	No	Yes

\*Available in future releases



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