

PRODUCT COMPARISON CHART



HID Reader Platforms

General Information	Reader Series	HID Signo™	iCLASS SE* / multiCLASS SE*
	Image		
	Purpose	Highly versatile platform designed to provide unmatched breadth of support for a wide range of verticals, including access control systems of the past, present and future.	Flexible platform for highly adaptable, interoperable and secure access control solutions suited to a wide range of verticals.
	Base Model & Form Factors	20 - mullion 40 - wallswitch 20K - mullion keypad 40K - wallswitch keypad	R10 / RP10 - mini-mullion R15 / RP10 - mullion R40 / RP40 - wallswitch RK40 / RPK40 - wallswitch keypad
	Security Rating - Secure Element Hardware	EAL 5+*	EAL 5+
Credential Technology Supported	2.4 GHz Credential Compatibility	Yes - Integrated Supports HID Mobile Access	Yes - only through extra module Supports HID Mobile Access
	13.56 MHz Credential Compatibility	Yes - Integrated Support for: Seos*, iCLASS SE*, iCLASS SR*, iCLASS*, ISO15693, MIFARE Classic, MIFARE DESFire EV1/EV2, Near Field Communication (NFC), & ISO14443A	Yes - Integrated Support for: Seos*, iCLASS SE*, iCLASS SR*, iCLASS*, ISO15693, MIFARE Classic, MIFARE DESFire EV1/EV2, Near Field Communication (NFC), ISO14443A, FeliCa™ IDm, CEPAS CSN or CAN
	125 kHz Credential Compatibility	Yes - Available in all Standard Profile HID Signo Readers Support for: HID Proximity, Indala Proximity, EM4102 Proximity, AWID	Yes - only in multiCLASS SE readers Support for: HID Proximity, Indala Proximity*, EM4102 Proximity, AWID *Indala Proximity may not be combined
Device Characteristics	Mounting	Mullion, single or double-gang switch box	
	Connector Type	Pigtail Cable - 18 inch (0.5 m) Terminal Block - flush mount	Pigtail Cable - 18 inch (0.5 m) Terminal Block - protruding mount
	Color	Black Bezel / Silver Trim Black Trim available as an accessory	Black Bezel Only
	Keypad	Mullion - 2 x 6 capacitive Wallswitch - 3 x 4 capacitive	Wallswitch - 3 x 4 tactile
	Material Housing	Polycarbonate - UL94 V0 rated	
	Operating Voltage Range	12 VDC	5 - 16 VDC
	Current Draw (max)	250 mA	200 mA
	Device Input & Output	Input: Tri-color LED, Buzzer, Hold Output: Tamper Relay	Input: Tri-color LED, Buzzer, Hold Output: Open Collector - TTL
	Operating Temperature Range	-35° C to +66° C (-31° F to +150° F) 0% to 95% non-condensing	
	Storage Temperature Range	-40° C to +85° C (-40° F to +185° F)	-55° C to +85° C (-67° F to +185° F)
	Environmental Rating	UL294 Outdoor and Indoor rated	
	Ingress Protection	IP65	IP55
Device Features	Controller Communication	OSDP or Wiegand, both integrated into base hardware	Wiegand, Clock & Data integrated into base hardware OSDP available via hardware module
	Device Management	HID Reader Manager, OSDP configuration	
	Intelligent Power Mode	Yes	
	Velocity Attack Detection	Yes	
	Metal Environment Optimization	Yes - surface detection feature automatically calibrates read range	No
Certifications and Terms	Apple's Enhanced Contactless Polling (ECP)	Yes - support for credentials in Apple Wallet	
	Certifications	UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRS (China), KCC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, MIC (Japan), GreenCircle, Bluetooth SIG, and additional regions. www.hidglobal.com/certifications	
	Warranty	Limited Lifetime	

* evaluation pending.



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