PRODUCT COMMISSION CHART

PRODUCT COMPARISON CHART

HID®

HID Reader Platforms

	Reader Series	HID Signo™	iCLASS SE® / multiCLASS SE®
General Information	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
	Controller Communication	OSDP or Wiegand, both integrated into base hardware	Wiegand, Clock & Data integrated into base hardware OSDP available via hardware module
Device Features	Device Management	HID Reader Manager, OSDP configuration	HID Reader Manager
	Intelligent Power Mode	Yes	
	Velocity Attack Detection	Yes	
	Metal Environment Optimization	Yes – surface detection feature automatically calibrates read range	No
	Apple's Enhanced Contactless Polling (ECP)	Yes - support for credentials in Apple Wallet	
Certifications and Terms	Certifications	UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (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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GreenCircle CERTIFIED

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