HID®

HID Mobile Access®
iCLASS SE® & multiCLASS
SE® Mobile Enabled Readers

MOBILE ENABLED ICLASS SE PLATFORM READERS THAT OFFER NEW WAYS TO OPEN DOORS

- **Innovative** – Enables secure access with a mobile device by leveraging standard communications technologies that work with both iOS® and Android™ operating systems.

- **Convenient** – Enhances the transactional experience by opening doors with a tap or "Twist and Go" gesture, merging security with convenience.

- **Dynamic** – Supports new Mobile IDs and existing card populations for seamless migration to a more secure standard.

iCLASS SE® and multiCLASS SE® mobile-enabled readers are part of the HID Mobile Access® solution that offers a consistent user experience across different devices and operating systems, including iOS and Android. The readers can be configured to using a smartphone with a "tap" or utilizing HID Global's patented "Twist and Go" gesture technology.

Ideal for new and existing installations, the interoperable iCLASS SE and multiCLASS SE readers support a variety of industry-standard technologies, including iCLASS Seos®, standard iCLASS®, iCLASS SE, MIFARE®, MIFARE DESFire® and HID Prox. Simultaneous support of mobile device and existing card populations facilitates mixed population use and migration to a more secure standard.

Advanced multi-layered security is provided via the iCLASS SE platform with its Secure Identity Object® (SIO®) data model. This additional layer of security ensures tamper-resistant protection of keys and cryptographic operations. The incorporation of Seos technology to manage identity data results in a dynamic and highly secure mobile solution.

A UNIQUE USER EXPERIENCE

HID Mobile Access® offers a patented gesture technology that allows door and gate access with a twist of the handset upon approaching an iCLASS SE® or multiCLASS SE® mobile-enabled reader.

iCLASS SE® AND multiCLASS® SE MOBILE-ENABLED READERS FEATURES:

- Adjustable read settings control overall power and read range of Mobile IDs, enabling flexibility for both close-proximity "tap" and long-range "Twist and Go" distances.

- Read settings administered using mobile phone during installation.

- Directional antenna enables long- range reading distances of up to 6.6' in correct orientation – in front of the reader and not behind it.

Model Name		R10	RP10	R15	RP15	R40	RP40	RK40	RPK40
Typical Read Range*		— Both "Twist & Go" and "Tap" ranges are likely maximum distances based on recommended settings in a typical lab environment. Read ranges and behavior will vary by installation, due to a variety of factors. Reader-specific read range and power settings will contribute to adjusting behavior.							
Mobile IDs using Bluetooth & Seos*	Twist and Go	6.6 ft (2 m)		6.6 ft (2 m)		6.6 ft (2 m)		6.6 ft (2 m)	
	Tap	5.9" (15 cm)		5.9" (15 cm)		5.9" (15 cm)		5.9" (15 cm)	
Mounting		Mini-Mullion Size; mount on door mullion or any flat surface		Mullion Size; mount on door mullion or any flat surface		Wall Switch Size; designed to mount to and cover single-gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing		Wall Switch Size; designed to mount to and cover single-gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing	
Color		Black or Gray							
Keypad		No		No		No		Yes (4x3)	
Dimensions		1.9" x 4.1" x 0.9" 4.8 cm x 10.3 cm x 2.3 cm		1.9" x 6.0" x 0.9" 4.8 cm x 15.3 cm x 2.3 cm		3.3" x 4.8" x 1.0" 8.4 cm x 12.2 cm x 2.4 cm		3.3" x 4.8" x 1.1" 8.5 cm x 12.2 cm x 2.8 cm	
Operating Voltage Range		5-16 VDC; Linear supply recommended							
Standby AVG Current		82 mA	97 mA	82 mA	97 mA	87 mA	107 mA	107 mA	117 mA
PEAK Current		240 mA	240 mA	240 mA	240 mA	240 mA	240 mA	260 mA	260 mA
Operating Temperature		-13º to 150º F (-25º to 65º C)							
Storage Temperature		-67º to 185º F (-55º to 85º C)							
Operating Humidity		5% to 95% relative humidity non-condensing							
Transmit Frequency		2.4GHZ, 13.56 MHz							
2.4 GHz Credential Compatibility*		Secure Identity Object (SIO) on Mobile IDs (Bluetooth Smart)							
13.56 MHz Credential Compatibility		Secure Identity Object (SIO) on iCLASS Seos, iCLASS SE, SIO-enabled MIFARE DESFire EV1 and SIO-enabled MIFARE Classicstandard iCLASS Access Control Application (standard iCLASS cards) ISO14443A (MIFARE) CSN, ISO14443B CSN, ISO15693 CSN Custom sectors on MIFARE, Custom app/file on DESFire EV1 (custom programming feature) Secure Identity Object (SIO) on NFC-enabled devices using Host-Based Card Emulation							
125 kHz Credential Compatibility (multiCLASS only)		HID Prox, AWID, EM4102							
Cable Distance		Optional OSDP with SCP over RS485 (4000 ft) Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) Use Shielded cable for best results							
Reader Personalization		Mobile-enabled readers come fully personalized to read customer/site-specific Mobile IDs. Mobile-ready readers come fully prepared to read Mobile IDs but to do not include customer/site-specific personalization. Install Mobile-ready readers to prepare for Mobile IDs in the future.							
Panel Connection		Pigtail or Terminal Strip							
Certifications		Bluetooth SIG certification, UL-294/cUL (US & Canada), FCC certification (US), IC (Industry Canada), CE now including RoHS II, REACH							
Crypto Processor Hardware Common Criteria Rating		EAL5+							
Patents		US7124943, US6058481, US6337619							
Housing Material		UL94 Polycarbonate							
Manufactured with % of recycled content (Pigtail)		10.5%		11.0%		10.5%		10.9%	
Manufactured with % of recycled content (Terminal Strip)		10.5%		11.0%		11.0%		12.3%	
UL Ref Number		R10E	RP10E	R15E	RP15E	R40E	RP40E	RK40E	RPK40E
Warranty		Limited Lifetime							

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