

**PHYSICAL ACCESS CONTROL**

**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.

**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.

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.

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.

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.

## SPECIFICATIONS

Model Name		R10	RP10	R15	RP15	R40	RP40	RK40	RPK40
<b>Typical Read Range*</b>		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.							
<b>Mobile IDs using Bluetooth &amp; Seos*</b>	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)	
<b>Mounting</b>		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	
<b>Color</b>		Black or Gray							
<b>Keypad</b>		No		No		No		Yes (4x3)	
<b>Dimensions</b>		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	
<b>Operating Voltage Range</b>		5-16 VDC; Linear supply recommended							
<b>Standby AVG Current</b>		82 mA	97 mA	82 mA	97 mA	87 mA	107 mA	107 mA	117 mA
<b>PEAK Current</b>		240 mA	240 mA	240 mA	240 mA	240 mA	240 mA	260 mA	260 mA
<b>Operating Temperature</b>		-13° to 150° F (-25° to 65° C)							
<b>Storage Temperature</b>		-67° to 185° F (-55° to 85° C)							
<b>Operating Humidity</b>		5% to 95% relative humidity non-condensing							
<b>Transmit Frequency</b>		2.4GHZ, 13.56 MHz							
<b>2.4 GHz Credential Compatibility*</b>		Secure Identity Object (SIO) on Mobile IDs (Bluetooth Smart)							
<b>13.56 MHz Credential Compatibility</b>		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							
<b>125 kHz Credential Compatibility (multiCLASS only)</b>		HID Prox, AWID, EM4102							
<b>Cable Distance</b>		Optional OSDP with SCP over RS485 (4000 ft) Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) Use Shielded cable for best results							
<b>Reader Personalization</b>		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.							
<b>Panel Connection</b>		Pigtail or Terminal Strip							
<b>Certifications</b>		Bluetooth SIG certification, UL-294/cUL (US & Canada), FCC certification (US), IC (Industry Canada), CE now including RoHS II, REACH							
<b>Crypto Processor Hardware Common Criteria Rating</b>		EAL5+							
<b>Patents</b>		US7124943, US6058481, US6337619							
<b>Housing Material</b>		UL94 Polycarbonate							
<b>Manufactured with % of recycled content (Pigtail)</b>		10.5%		11.0%		10.5%		10.9%	
<b>Manufactured with % of recycled content (Terminal Strip)</b>		10.5%		11.0%		11.0%		12.3%	
<b>UL Ref Number</b>		R10E	RP10E	R15E	RP15E	R40E	RP40E	RK40E	RPK40E
<b>Warranty</b>		Limited Lifetime							