PHYSICAL ACCESS CONTROL







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.

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.



SPECIFICATIONS

Model Name		R10	RP10	R15	RP15	R40	RP40	RK40	RPK40	
		Both "Twist	& Go" and "Tap	o" ranges are lik			d on recommen	ded settings in a	a typical lab	
Typical Read Range*		environment. Read ranges and behavior will vary by installation, due to a variety of factors.								
							ribute to adjusti			
Mobile IDs using	Twist	6.6 ft (.2 m)	66 ft	6.6 ft (2 m)		6.6 ft (2 m)		6.6 ft (2 m)	
Bluetooth & Seos*	and Go									
	Тар	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)	N			10	Yes	(4x3)	
Dimensions		1.9" x 4.1" x 0.9"		1.9" x 6.0" x 0.9"		3.3" x 4.8" x 1.0"		3.3" x 4.8" x 1.1"		
		4.8 cm x 10.3 cm x 2.3 cm		4.8 cm x 15.3 cm x 2.3 cm		8.4 cm x 12.2 cm x 2.4 cm		8.5 cm x 12.2 cm x 2.8 cm		
Operating Voltage Range				5-16	VDC; Linear s	upply recomme	ended			
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		-67° to 185° F (-55° to 85° C)								
Operating Humidity		5% to 95% relative humidity non-condensing								
Transmit Frequency		2.4GHZ, 13.56 MHz								
2.4 GHz Credential		Secure Identity Object (SIO) on Mobile IDs (Bluetooth Smart)								
Compatibility*				secure identity	Object (SIO)	on Mobile IDs (E	Bluetooth Smart	.)		
13.56 MHz Credential Compatibility		Secure Identity Object (SIO) on iCLASS Seos, iCLASS SE, SIO-enabled MIFARE DESFire EVI 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 EVI (custom programming feature) Secure Identity Object (SIO) on NFC-enabled devices using Host-Based Card Emulation								
125 kHz Credential Compatibility		HID Prox, AWID, EM4102								
(multiCLASS only)			Secure Identit	y Object (SIO)			ig Host-Based C	-)	
(multiCLASS only) Cable Distance			Secure Identit	Optional Wiegand/Cloc	HID Prox, A OSDP with S k-and-Data In	AWID, EM4102 CP over RS485	(4000 ft) 50m) (22AWG)	ard Emulation)	
		Mobile-ready re	Mobile-enablec aders come ful	Optional Wiegand/Cloc Us d readers come ly prepared to 1	HID Prox, A OSDP with S k-and-Data In se Shielded ca fully persona read Mobile ID	WID, EM4102 CP over RS485 terface 500ft (1 ble for best resu lized to read cu bs but to do not	(4000 ft) 50m) (22AWG) ults stomer/site-spec	cific Mobile IDs. er/site-specific		
Cable Distance			Mobile-enablec aders come ful	Optional Wiegand/Cloc Us d readers come ly prepared to 1	HID Prox, A OSDP with S k-and-Data In se Shielded ca fully persona read Mobile ID y readers to p	WID, EM4102 CP over RS485 terface 500ft (1 ble for best resu lized to read cu bs but to do not	(4000 ft) 50m) (22AWG) ults stomer/site-spec include custom	cific Mobile IDs. er/site-specific		
Cable Distance Reader Personalization		Mobile-ready re	Mobile-enablec aders come ful Insi	Optional Wiegand/Cloc Us d readers come ly prepared to r tall Mobile-read cation, UL-294,	HID Prox, A OSDP with S k-and-Data In e Shielded ca fully persona read Mobile IE y readers to p Pigtail or CUL (US & Ca	WID, EM4102 CP over RS485 terface 500ft (1 ble for best resi lized to read cu bs but to do not orepare for Mob ferminal Strip	(4000 ft) 50m) (22AWG) ults stomer/site-spee include custom ile IDs in the fut tification (US), I	cific Mobile IDs. er/site-specific ure.	personalization.	
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PLT-02094

2016-03-21-hid-mobile-access-readers-nfc-ds-en
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