

# NFC & BLUETOOTH

## Mobile Reader

- Fewer items to carry – open the door with your mobile phone
- Cards lost or forgotten are no longer a problem
- Compatible with iOS® and Android™ based smartphones.
- Activate with a “Tap” or “Twist and Go” gesture to open doors easily
- Deliver Credentials via Email
- Revoke and Re-use Credentials at any time
- Manage mobile access via your access control system



 **Bluetooth**  
SMART

 **NFC**

 **Progeny**  
Access Control

## Mobile Reader

Mobile Access® opens doors in a whole new way. With patented gesture technology, just twist the mobile device upon approaching a door or parking gate for seamless access.

Rarely misplaced and consistently in hand, the mobile device has become the most valued technology we own. Mobile Access merges security with convenience by storing secure identities on smartphones for opening doors and gates. This powerful solution enables Android or iOS phones to communicate with readers using a close-range “Tap” mode, or from a distance with Twist and Go” mode.



Active feedback including vibration and sound enhances the user experience when opening doors.

Mobile Access makes managing access control easy. As well as the usual ability to enable or disable access from Doors Enterprise you can also manage Mobile IDs through a robust online portal.

Send invitations and provision or revoke Mobile IDs over-the-air. No physical encoding, printing or returns are necessary

### BLE

Bluetooth Low Energy offers a wide, but still manageable, communication range between a smartphone and a reader. It offers an increase in convenience when compared to some short-range RFID smartcards. BLE is supported on most Android and iPhone smartphones. Which makes it a technology that most people can utilize.



### NFC

Near Field Communication (NFC) offers short range communication of the registered device ID. This option is not available to iPhone users.



## Specification

### Electrical

Operating Voltage Range	5-16 VDC
Peak Current	250mA
Average Current	50mA
Frequencies	125KHz 13.56 MHz 2.4 GHz
Cable Distance (Max)	100m

### Mobile Device requirements

Android	4.4 and later
Apple iOS	iOS 7.0 and later
Bluetooth	V4.0 and later

### Range

Tap Mode	0 to 10cm
Twist & Go Mode	up to 200cm

### Environment

Operating Temperature	-20 to 65°C
Operating Humidity	0 to 95%

### Reader

Material	Polycarbonate
Power Supply	5 – 16 VDC
Current Requirements	240mA PEAK
Temperature Range	-25°C to 65°C
Operating Humidity	5% to 95% non-condensing
Cable Distance	100m
Dimensions	4.8 x 10.3 x 2.3 cm
Termination	18” Pigtail or Terminal

## Product Codes

Description	Code
Mobile Reader	4720
Mobile Reader & Prox or iCLASS	4721
Mobile Reader & Biometric	4750
Mobile Credentials (MOQ 100)	4701

# Supported Devices

## Android & iOS

Android 4.3+ with Bluetooth 4.0

Android 4.4+ with NFC

- Google Nexus 5
- Samsung Galaxy Note 3, S4, S4 Plus, S5
- Sony Xperia Z2
- HTC One



iOS7+ with Bluetooth 4.0

- iPhone: 4S, 5, 5C, 5S
- iPad: Air, Mini, 3rd & 4th gen
- iTouch



## Manage Credentials from Web Portal

Credentials can be sent to anyone with a smart mobile device. They can also be revoked and re-used.


Home > Secure Identity Services > Mobile Access

**HID Mobile Access**


Sylvia Edmands  
HID Global GmbH  
My Account | Log Out

MY HID    **Mobile Access**    Administration


**Mobile Access Credentials and Users** Configure Settings



APAC Facilities



European Facilities



U.S. Facilities

« First   ← Previous   1 Next →   Last »   Showing 1 - 25 of 48   Show 25 Records   Search

<input type="checkbox"/>	Last Name	First Name	Email Address	User ID	Recent Activity	<input type="checkbox"/>
<input type="checkbox"/>	Rob	Puricelli	rpuricelli@hidglobal.com		Credential delivered	<input type="checkbox"/>
<input type="checkbox"/>	Beacom	Kevin	KBeacom@actidentity.com	KBeacom	Credential delivered	<input type="checkbox"/>
<input type="checkbox"/>	Edmands	Sylvia	sylvia.edmands@gmail.com		Invitation Active	<input type="checkbox"/>
<input type="checkbox"/>	Hillard	Peter	nick.hislop@hidglobal.com	PHillard	Credential Revoked	<input type="checkbox"/>
<input type="checkbox"/>	Hislop	Nick	nhislop@hidglobal.com	nhislop	Credential delivered	<input type="checkbox"/>
<input type="checkbox"/>	Cummings	Nathan	NCummings@hidglobal.com	Nathan Cum...	Active Mobile End User	<input type="checkbox"/>
<input type="checkbox"/>	Learmonth 5s	Darren	3655@email.com	iPhone 5S	Active Mobile End User	<input type="checkbox"/>
<input type="checkbox"/>	Edmands	Sylvia	SEdmands@hidglobal.com	Sylvia Edma...	Active Mobile End User	<input type="checkbox"/>
<input type="checkbox"/>	Arcement	Brandon	BArcement@hidglobal.com	Brandon Arc...	Active Mobile End User	<input type="checkbox"/>
<input type="checkbox"/>	Test-Phone6	CWL-Nexus5	3559@email.com	TestPhone6	Active Mobile End User	<input type="checkbox"/>
<input type="checkbox"/>	5s F2ML	iPhone	3551@email.com	iPhone 5s F...	Active Mobile End User	<input type="checkbox"/>



## Credentials Sent by Email

Administrator manages users, issues/revokes Mobile IDs via the Secure Identity Services portal

The email contains everything the user needs to install the app and load the credential.

App includes user videos on how to use the mobile credential on the mobile device.



## Use mobile credentials

Tap or Twist & Go to send credential ID to the reader.

Tap (0 to 10 cm):

- Rooms
- Turnstiles
- Two Factor

Twist & Go (0 to 2m):

- Garages
- Entrance gates
- Warehouses
- Remote Buildings



# Switch Plate Reader & Keypad

Available with Pigtail or Terminal Block connections

- Surface mount
- Ave Current 75mA
- Peak Current 250mA
- Temp Min -35 Deg C
- Temp Max +66 Deg C
- IP 65, IK 09
- H: 122 W: 80 D: 22 (mm)

