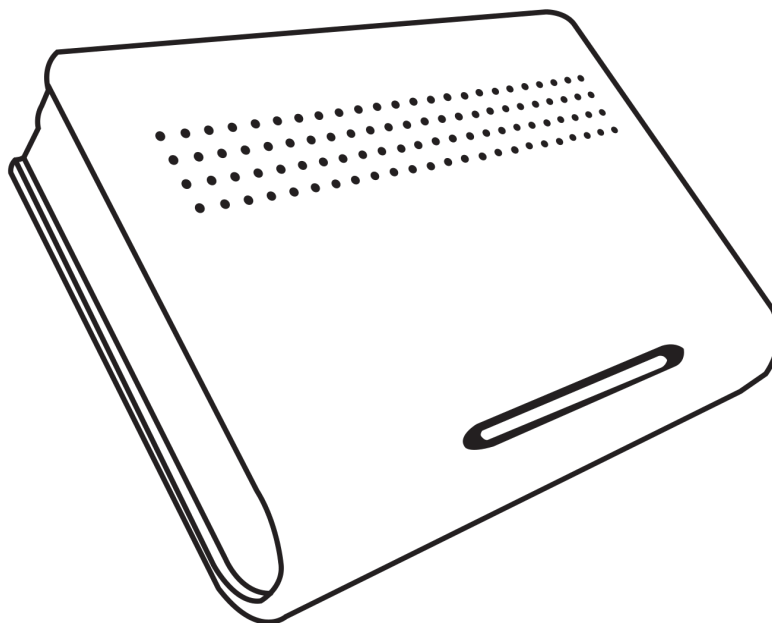




Instruction Manual



Introduction

The Smart Access system lets you control a series of locks via your smartphone or computer using Bluetooth and Wi-Fi.

This manual will cover how to set up your system, from electrical connections to installation of the system including installing and operating our app.

Note: It is recommended to set up the system on a work surface before installing in a cabinet or drawer. Download the app, register at least two fingerprints and test the system with the app and finger-touch sensor. When you are comfortable with the operation and you are familiar with it proceed to installation.

Electrical connections

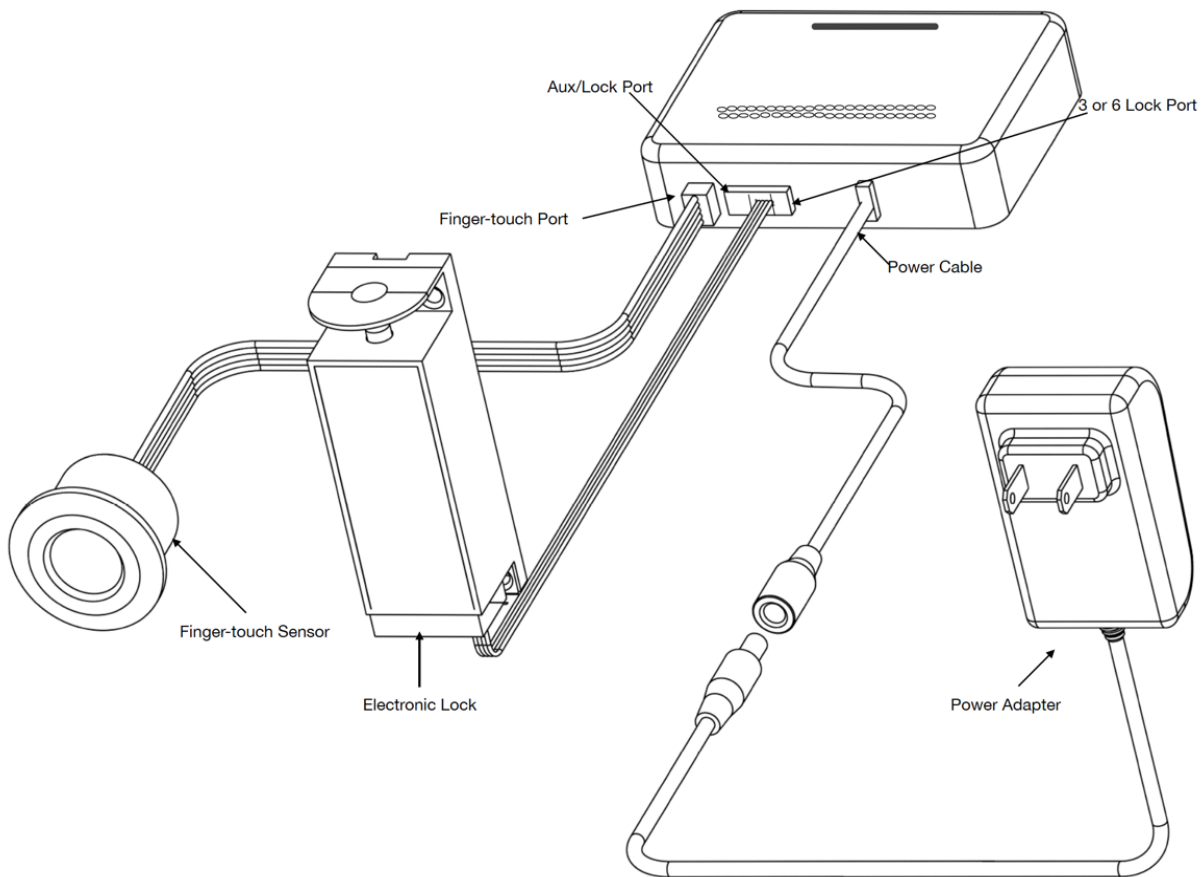
The first step to using your new Smart Access device is to connect the external peripherals as shown below. Each connection has its own specially shaped connector.

The first 4-pin connection (to the right of the finger-touch sensor) can be utilized for an accessory (Aux/Lock Port) such as a light. (At the moment that feature is hidden within the app until we identify accessories that are compatible with the system). The other 4-pin connections are intended for locks. However, all 4-pin connectors can be used interchangeably for either an accessory or a lock without restriction (Currently all 4-pin connectors are controlled through the finger-touch sensor and the lock icon in the app).

Connect Finger-touch sensor and locks to the electronic controller if you do not intend to utilize all lock ports leave the spare connectors plugged in to the controller to protect the pin ports from damage and dust.

Make sure everything is properly connected before plugging in the power adapter to an outlet.

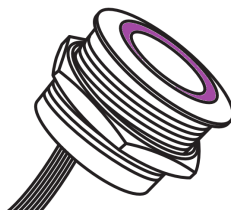
The Finger-touch sensor must be connected to the electronic controller prior to connecting the power adapter to an outlet.



Verifying Power

A blue light will shine from the electronic controller case immediately after power is applied from the power supply. 1-2 seconds later the finger-touch sensor will quickly flash purple, indicating the system is operating normally.

Note: The finger-touch sensor is required to do a full password reset so it is recommended to store at least two fingerprints during the initial setup. For security reasons only the first three fingerprints recorded have access to do a password reset.



Downloading app



The app may be downloaded from either the Android or Apple iOS stores

<https://apps.apple.com/us/app/smartaccess-technologies/id1537866648>

<https://play.google.com/store/apps/details?id=com.smartaccesstechnologies.smartaccess>

Using the App – Setup


Whenever you load the app, it may ask you to turn on Bluetooth, and/or location. Click 'Allow' or 'Pair' or 'Connect' for each.

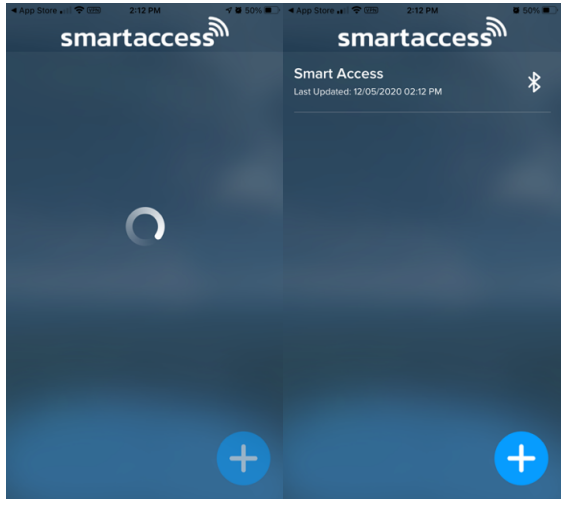
Test the system using the app and finger-touch sensor before proceeding to installation on furniture.

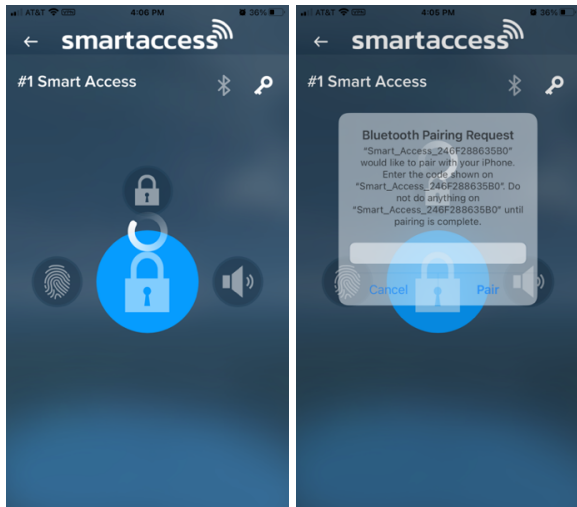
Note: Location is an Android / iOS requirement for using Bluetooth. The app does not access nor uses your GPS location. Older Android versions require GPS turned on.

Android

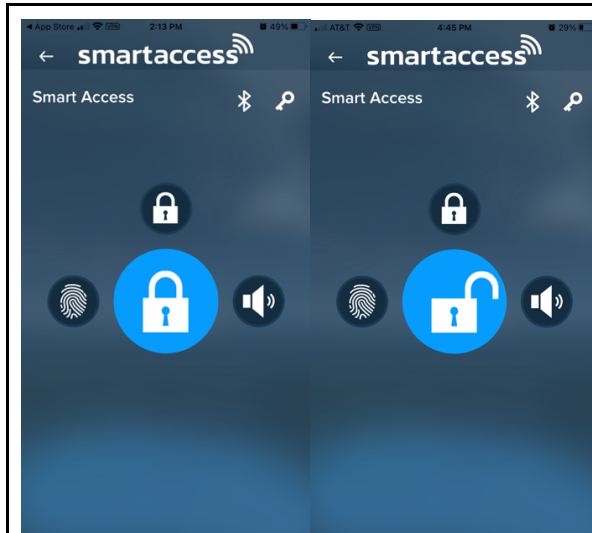
iOS

 Allow Smart Access to access this device's location? <input type="button" value="Allow only while using the app"/> <input type="button" value="Deny"/>	"SmartAccess" Would Like to Use Bluetooth The SmartAccess app needs Bluetooth for wireless communication with SmartAccess locks <input type="button" value="Don't Allow"/> <input type="button" value="OK"/>
Bluetooth pairing request Pair with Smart_Access_AC67B21E3E00? <input type="button" value="Cancel"/> <input type="button" value="OK"/>	Please enable Bluetooth. <input type="button" value="OK"/>
Bluetooth pairing request Enter PIN to pair with Smart_Access_AC67B21E3E00 (Try 0000 or 1234). PIN Usually 0000 or 1234 <input type="text" value="Enter 123456"/> <input type="button" value="Cancel"/> <input type="button" value="OK"/>	Bluetooth Pairing Request "Smart_Access_AC67B21E3E00" would like to pair with your iPhone. Enter the code shown on "Smart_Access_AC67B21E3E00". Do not do anything on "Smart_Access_AC67B21E3E00" until pairing is complete. <input type="text" value="Enter 123456"/> <input type="button" value="Cancel"/> <input type="button" value="Pair"/>

	<p>The Smart Access app will automatically add and connect to nearby Smart Access systems.</p> <p>Use the + button to activate a scan.</p> <p>The default Bluetooth password for all new Smart Access systems is 123456.</p> <p>If the default password fails, and no previously stored password exists, make sure no one else has previously changed the default password and there are no typos.</p>
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	<p>If you see the wheel spin 'wait' screen, it means the Smart Access app is attempting to connect to the Smart Access system. If it has previously connected through Bluetooth it will automatically connect if it hasn't previously connected then it will prompt the user to enter the Bluetooth password.</p> <p>Note: For security purposes if the Bluetooth password is updated then all devices previously connected to the system will need to enter the new updated password to continue to have access to the system.</p> <p>Note: Entering the wrong password, will also trigger the system to disconnect everyone then everyone needs to re-enter the latest password to be able to reconnect to the system.</p>
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Using the App – Lock / Unlock

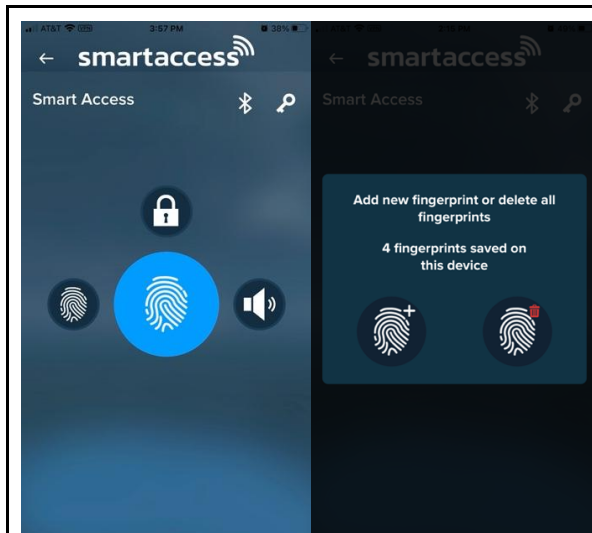


The lock button allows you to lock or unlock your Smart Access system.

To Lock / Unlock tap on the center lock icon.

You will hear a solid snap sound, that is the lock opening or closing.

Using the App - Finger-touch Sensor



Note: The first 3 finger prints registered will be able to reset to the default passwords for Bluetooth and the Access Point.

The fingerprint button lets you either add or delete fingerprints.

To add a fingerprint, click 'Add Fingerprint'.

The finger-touch sensor will flash red, indicating it is waiting for a fingerprint. Place your finger onto the sensor for 2 seconds, and then remove it.

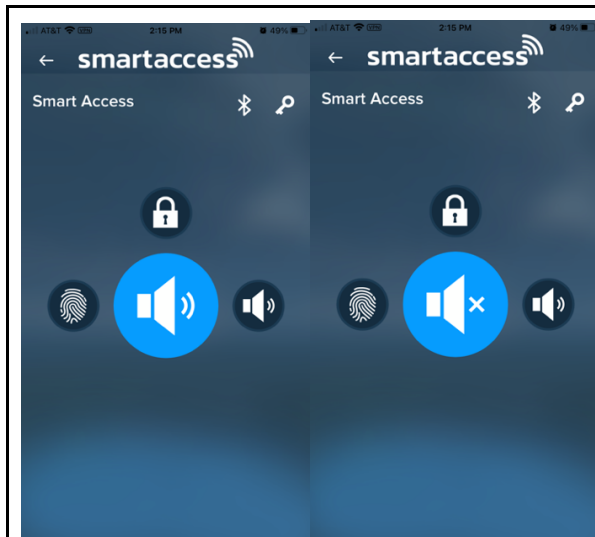
The sensor will then flash red a second time, asking for you to confirm by placing your finger on the sensor again for 2 seconds. It will momentarily light up purple to confirm.

Your fingerprint will then be stored on the sensor.

Use 'delete fingerprints' to wipe the entire fingerprint database.

Note: It is very important that you immediately add at least two fingerprints, as it will be needed to reset to the default passwords.

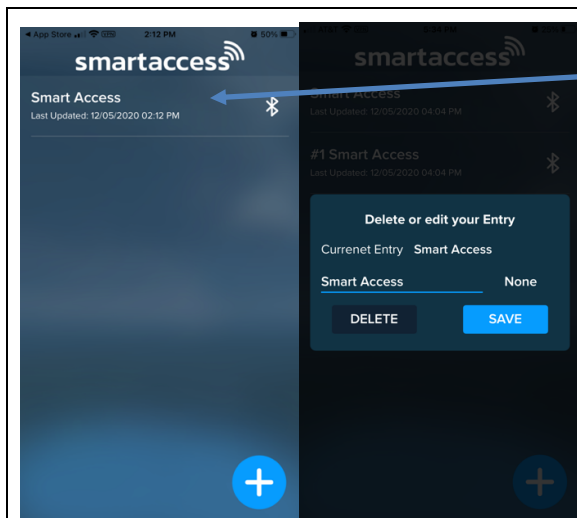
Using the App - Additional Features



The audio alarm enable button lets you activate or deactivate the audio alarm.

If activated, the alarm will sound after one minute of your door or drawer being left open.

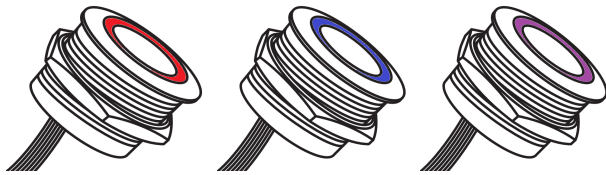
Features Within the App



To rename or delete the device “**press and hold**” on the device name for **2** seconds. The device’s default name is “Smart Access.....” a small window will pop up where you can either change the name to identify your device or delete the device from your list of connected devices.

The + icon will search for new devices recently available.

Finger-touch Sensor Colors



The Finger-touch sensor blinks and flashes one of three colors to signal what it is doing.

Flashing purple - During bootup, signals the finger-touch sensor is recognized and activated.

Solid purple - Signals that it has detected and is trying to read a finger.

Pulsing blue - Indicates that it has identified a finger within its stored library.

Flashing red - Waiting for a finger during the add finger dialog.

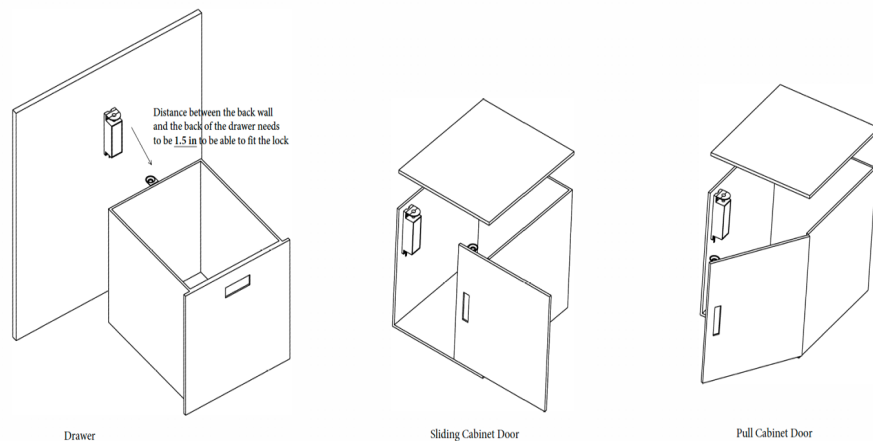
Note: The first three recorded fingerprints will be able to do a Bluetooth and Access Point password reset. Press the fingerprint sensor for 15 seconds, let go, the lock will open and close and the finger-touch sensor will turn on and off flashing purple for one second that will indicate the passwords have been reset. Both passwords will be reset at the same time.

Installation on Furniture

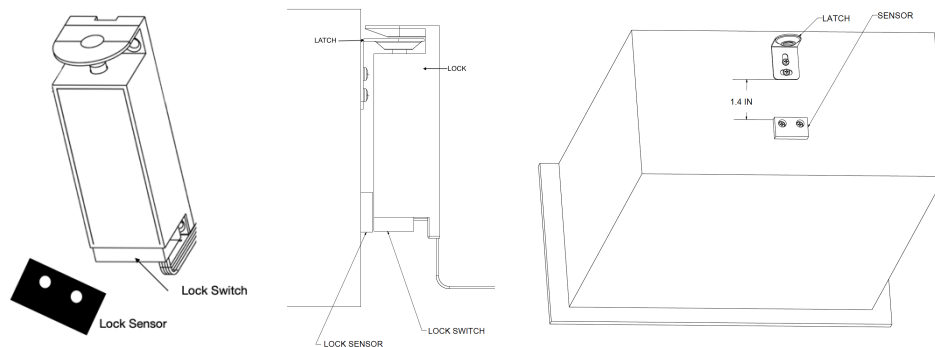
The system can be installed on all types of furniture with doors or drawers that are in close proximity to a power outlet. For metal, please make sure you are installing the appropriate Electronic Controller Model with the external antenna designed for metal furniture and cabinetry.

Note: It is recommended to have a professional install the Smart Access System.

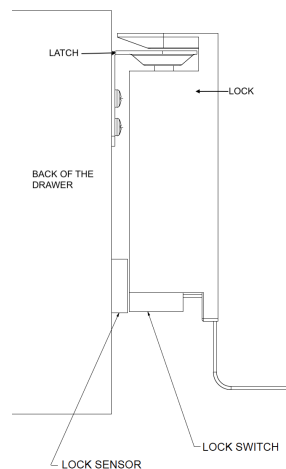
If the locks are going to be installed on the back of a drawer it is very important to make sure there is **1.5 inches** between the back of the drawer and the back wall so that there is enough space to fit the lock. Shims can be fabricated to create the proper spacing if needed. For sliding cabinet doors and pull cabinet doors you can use the template provided with each lock.



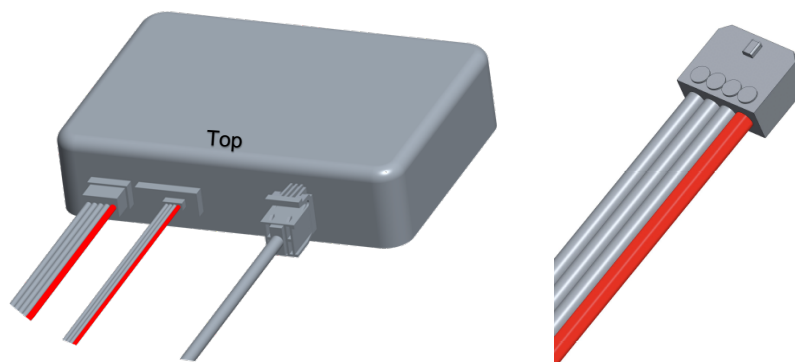
The sensor for the lock switch needs to be placed below the latch at the same level (right in front) of the switch on the lock with a distance of 1.4 in between the bottom of the latch and the top of the sensor. The switch is responsible for activating the audible alarm and sending notifications if the door is left open or forced open.



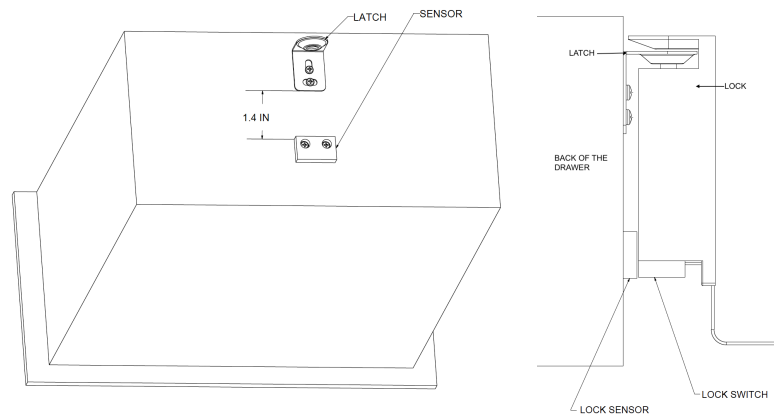
1. Identify the location where the Electronic controller will be installed and mount it.
2. Identify the location where you want to install the finger-touch sensor.
3. Use a drill with a 25mm drill bit to install the finger-touch sensor. Depending on the material thickness it may be required to drill a flat bottom hole using a flat bottom hole drill bit of approx. 35mm on the back side in order to put the nut on the finger-touch sensor to hold it secure and in place.
4. Measure the length of the wire needed to go from the finger-touch sensor location to the electronic controller. The standard wire length for finger-touch sensor is 36". If longer wire is required please contact customer support.
5. Identify the location where locks will be installed and measure the distance of the locks to the electronic controller. The standard wire length for the locks is 24". If longer wire is required please contact customer support. Make sure you consider the height of the back of the drawer and confirm both latch and sensor will fit. Adjust location of the lock accordingly so that the lock sensor can be installed right on front of the lock switch.



6. Cut the extra wire length with wire cutters (we recommend to leave an extra inch).
7. Use the spare connectors on the recently cut wire by squeezing the connector with a pair of plyers. Make sure that the wire is exactly in the same position as it was on the connector that was cut (red wire on the right when connected to the controller).



8. Use 3M adhesive cable clips to rout the wire along the walls. (We recommend using the screws provided with the cable clips, over time adhesive tape may come off and cause wire or system damage)
9. When possible, drill a small hole to allow the power cord to exit the cabinet to be externally connected to the power adapter.
Note: It is recommended to allow access to power cord so that in the event there is a power outage the electronic controller can receive power using the USB cable provided and an external cell phone power bank.
10. Plug the power adapter to the wall and test the system with both the app and the finger-touch sensor.
11. After the Electronic Controller, Finger-touch sensor, and locks have been installed, install the latch and the sensor on the door or drawer. (You may use the guide sticker for positioning and location on slide and pull cabinet doors).



12. Make sure the latch is properly aligned with the lock and the sensor is properly aligned with the switch.

Sample of Installation

