SMARTSLYDR INSTALLATION & SET UP GUIDE

TOP MOUNT

OUTSIDE MOVING PANEL

(FOR THE DOOR OR WINDOW)

Refer Bottom Mount Instructions here.

INDEX

Note:
Please don't get overwhelmed with the guide, we have made it detailed for DIY beginners.

The whole process can be completed relatively quickly within 15-30 minutes.

If you need help during this process, email at **support@LycheeThings.com** or text at **650-830-1726**.
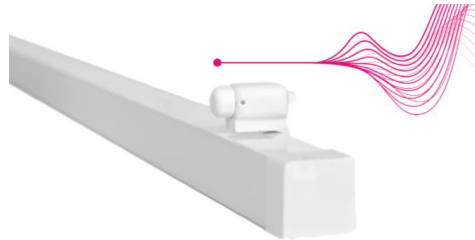
Welcome to the SmartSlydr family!

Tools Preferred for the Installation

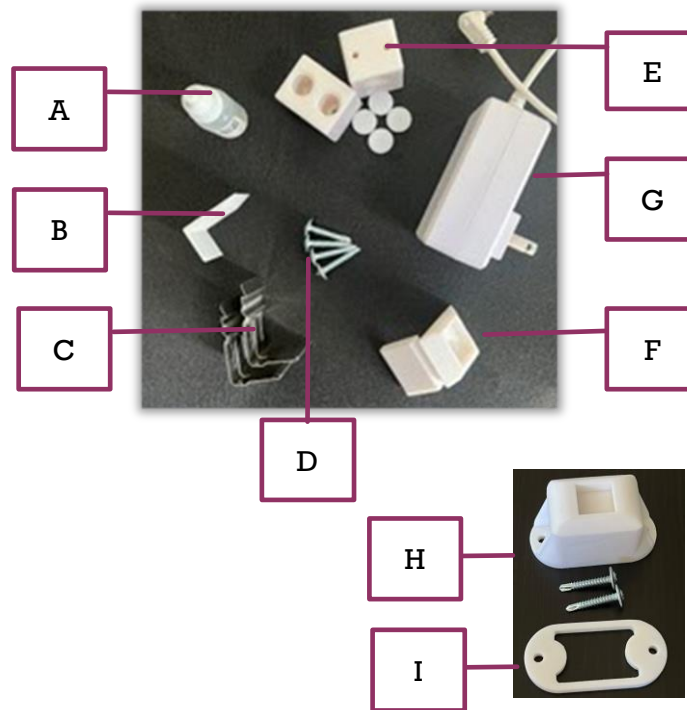- Powered Screwdriver with PH2 bit.

- A pencil/pen for marking.

Unboxing

- ## SmartSlydr

- ## PetPass/OneButton

- ## Accessories

A. Lubricating Oil

B. Measuring Tool

C. Brackets/Clamps*

D. Button Head Screws

E. Flat Mounting Brackets (Sent only if requested)

F. Corner Cap (Front and Side edge)

G. Power Supply

H. Adapter Cap for outside Moving Panel

I. Adapter Ring

*Brackets(C) will be attached to the SmartSlydr. Please detach using long edge of Measuring Tool(B). The door wider than 6ft will be given additional Small End Bracket.

Section 1: Top Installation
1.1 Track Cleaning

- Clean the bottom track – Refer to the [video](#).

- Apply **(A) Lubricating oil**.

- It will be good for 3-4 applications.

- Save the oil for later use.

- Recommended to clean up and lubricate the door every six months.

1.2 Marking

- Mark the position for two **Brackets (C)** approx. at the equal distance from both the end of SmartSlydr as shown in the below figure A.

- For the door wider than 6 ft, keep the SmartSlydr to the moving panel side as shown in figure B. Small end bracket can be install after the SmartSlydr is attached in step 1.4.a.

Figure A

Figure B
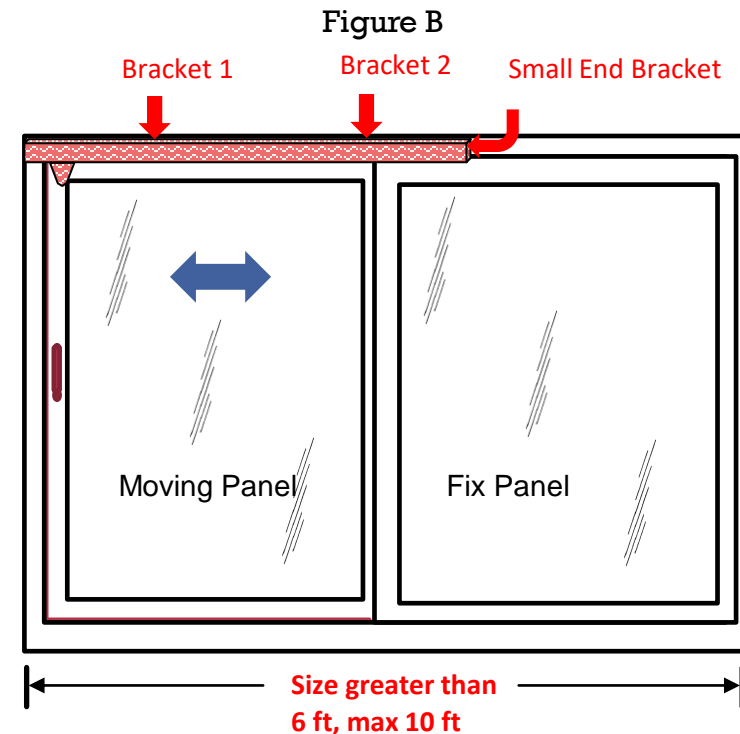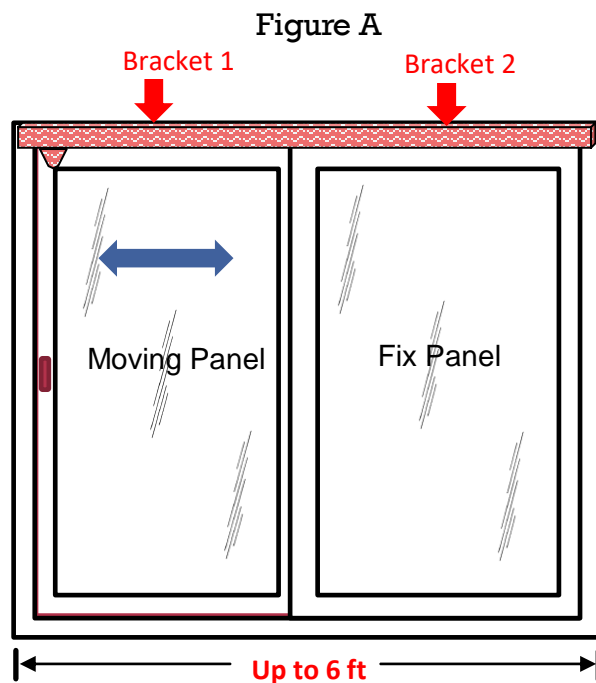
1.3 Positioning of Bracket on Top Surface

*(Jump to step 1.3.a if no enough space for brackets.)*

- Position the **Bracket (C)** on the top surface

- Insert the **Measuring Tool (B)** in between **Bracket (C)** and the frame to make the recommended distance away from the frame.

1.3.a Positioning Flat Mounting Brackets

Note: Skip this step if you have enough space for top mounting surface. These brackets are not included if not requested.

- Position the **Flat Mounting Bracket (E)** on the flat surface. Mount each with 2 self threading **Screws (D).**

- Position the **Bracket (C)** on the bottom surface of the **Flat Mounting Bracket (E).**

- Insert the **Measuring Tool (B)** in between **Bracket (C)** and the frame to make the recommended distance away from the frame.
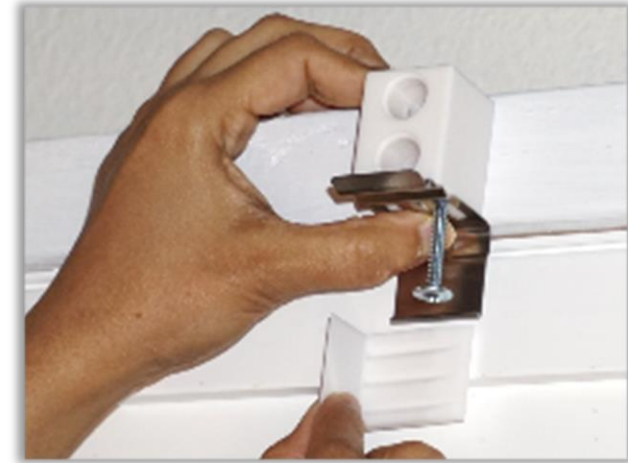
1.4 Mount Brackets (Top or Flat Mount)

- Mount the both **Brackets (C)** with provided self-threading **Screws (D)** using a screw driver.

(In less likely situation if there is no stud behind the drywall, you might need to use drywall anchors. If you have metal other than aluminum on the top, use a drill bit - smaller than your screws - to drill pilot holes through your bracket marks.)
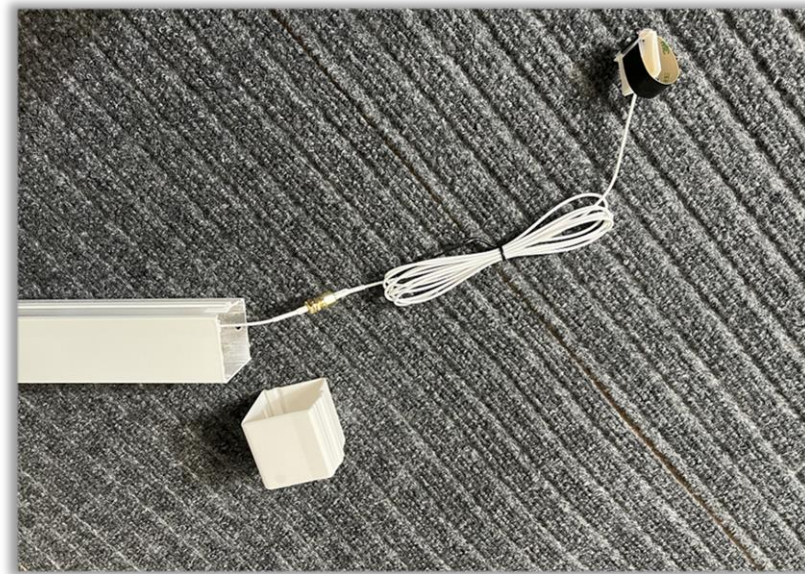
- Mount the both **Brackets (C)** to the **Flat Mounting Brackets (E)** with provided **Screws (D)** using a screw driver.

- Cover the both holes with the lids.
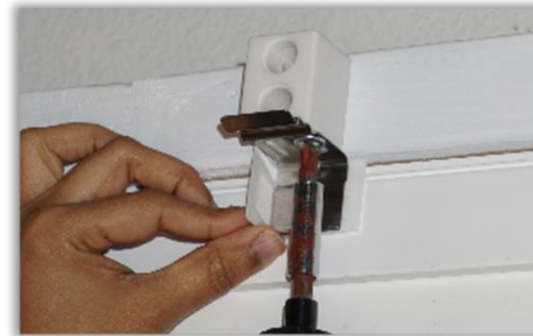
1.5 Take out Antenna

- Take out the Antenna by opening the side cap (usually another side of the power supply) if you are going to use PetPass only. Not needed for the OneButton.

1.6 Install the SmartSlydr

- Install the SmartSlydr by attaching into the **Brackets (C)**. Rotate back until you hear it snap into place.

- If you facing any issue with this step, slide the moving panel away from the SmartSlydr head (rounded rectangle). Also make sure both brackets are aligned.
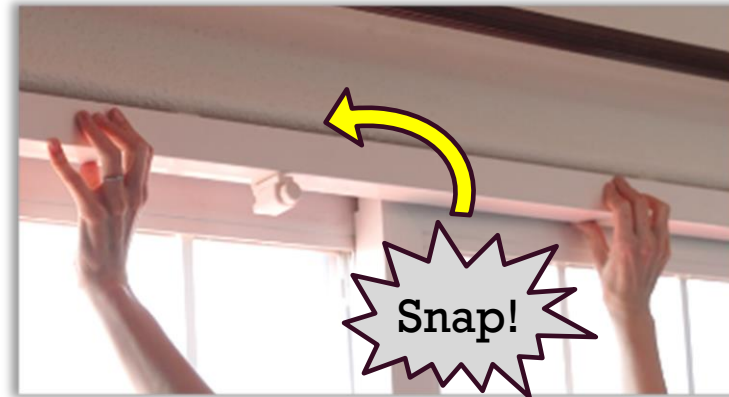
1.6.a Mount Small End Bracket
Note: Please skip this step if your door size is within 6ft.

- Position the **Small End Bracket** at the end of the SmartSlydr.

- Remove the backing from adhesive tape and stick it as shown in the picture on the top surface.

- It can be secured through screw if end cap isn't sticking well to the surface.

- If no top surface is available, it can be stick to the front edge.

1.7 Adapter Cap Marking

- Adapter Cap (H) will be placed on the outer edge of the moving panel leaving 3/8 inches or 10 mm.
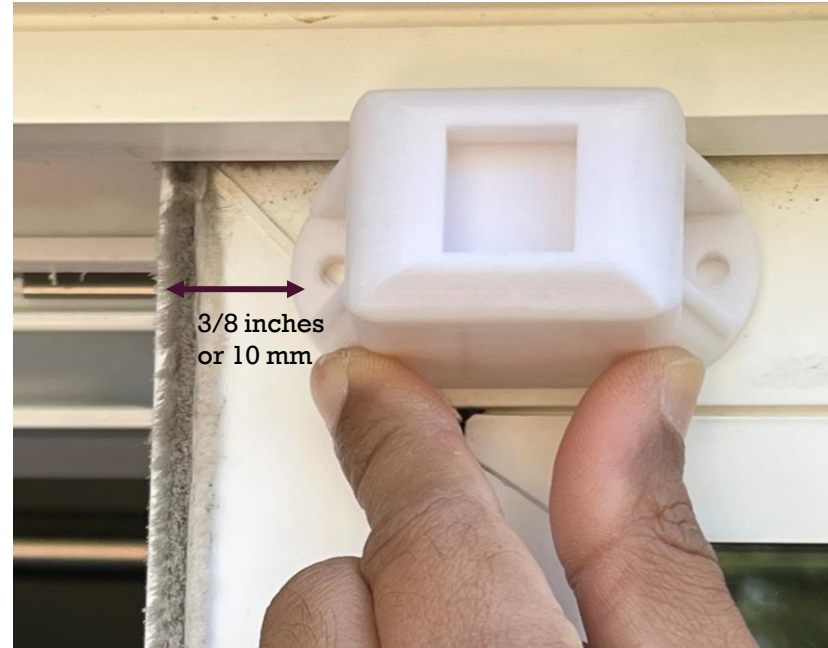
1.8 Adapter Cap Installation

- Slide the moving panel manually to latch **Adapter Cap (H)** with the SmartSlydr head.

- Make sure **Adapter Cap (H)** and Head are touching each other as shown in image i.

- If you see the gap add the **Adapter Ring (I)** in the bottom to adjust the gap as shown in image ii.

- Mark the screw positions keeping **Adapter Cap (H)** in a horizontal position where screws will be placed on the left and right as the image i.

- Place both screws in to secure the **Adapter Cap (H).**
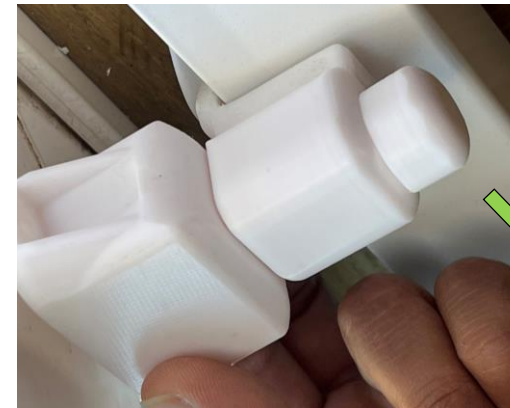
i. Correct
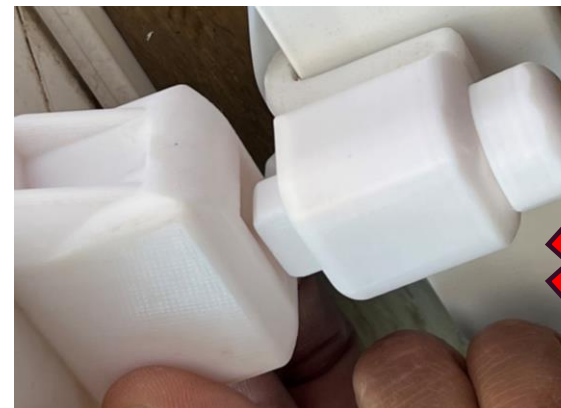
ii. Add adapter ring

1.9 Latch the Adapter Cap with Head

- Slide the moving panel to latch **Adapter Cap (H)** with the Head.
- If it isn't latching properly, adjust the length of the head attachment by rotating the nut.

1.10. Stick the Antenna

- Remove the backing from an adhesive tape of the black Antenna and its cover, taking care not to damage it. Attach it to the door frame starting from the front and moving towards the inside, as illustrated in photo (i). The goal is to have black strip as outer as possible. Refer the **photo (iii)** for the location of the **PetPass antenna sensor**.

- To prevent the wire from dangling, use the **organizer clips** to secure it on the door frame as photo (ii).

- If wire is running short, please keep it as much down as possible.

(i)

(ii)

(iii)

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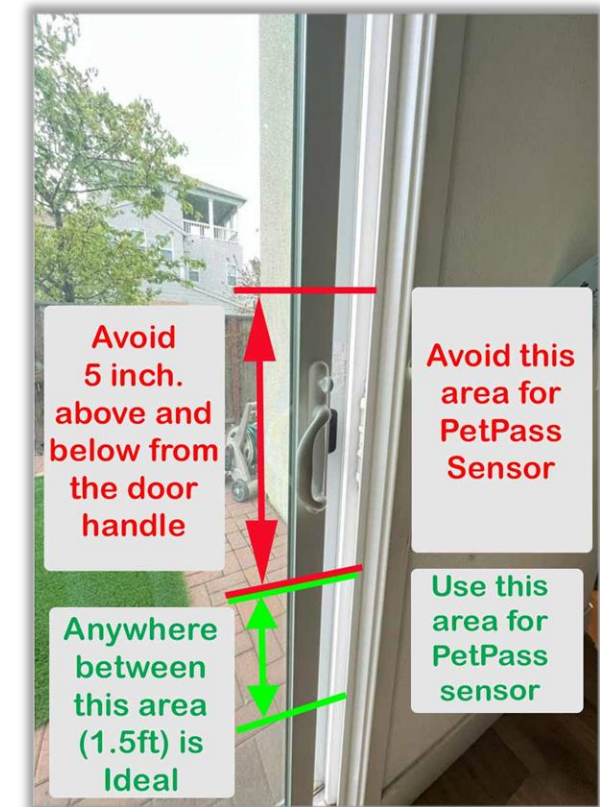
1.11. Attach the Power Supply
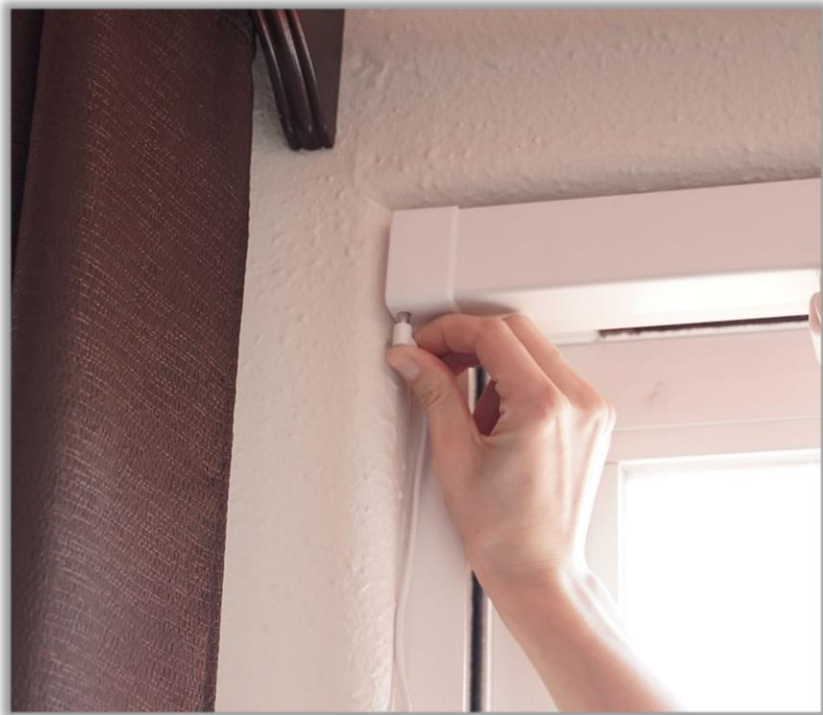
Congratulations! Your SmartSlydr is ready to be set up via **mobile app.**

SECTION 2 MOBILE SET UP

Please download **Lychee Things** app and pair the **SmartSlydr.**

2.1 Click on the "Sign Up" at the bottom.
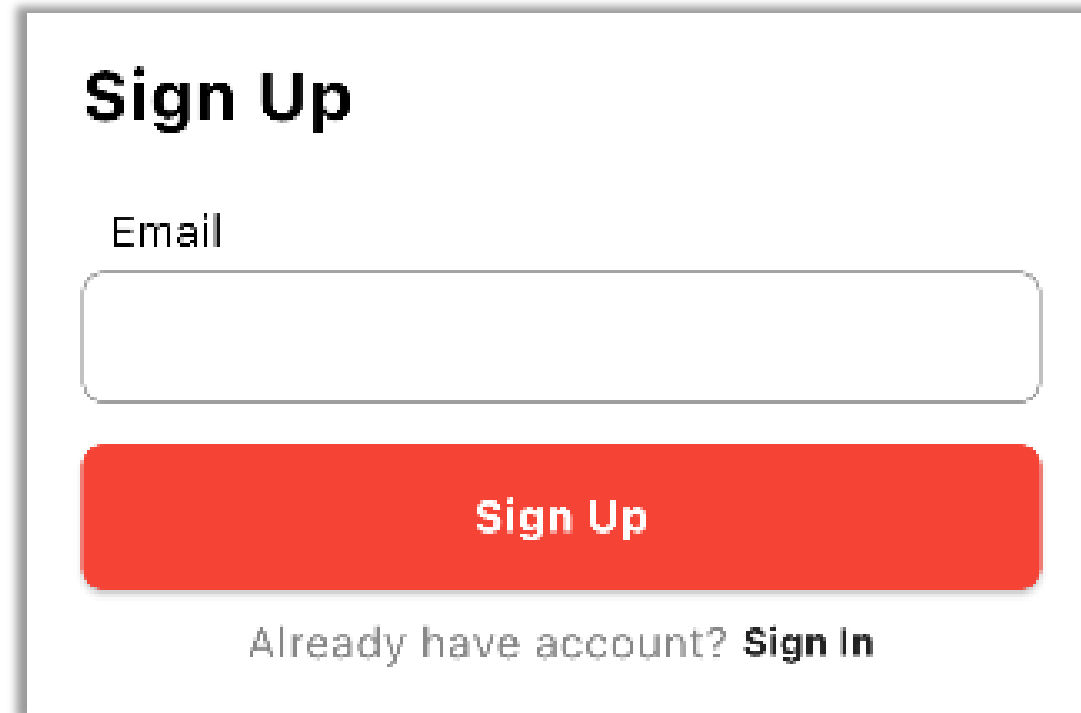
2.2 Enter the email and click the "Sign Up" button. You will receive the temporary password in the email. Please create your new password and Sign in.

2.3 Click on the "+" sign on the top right to add the SmartSlydr device.
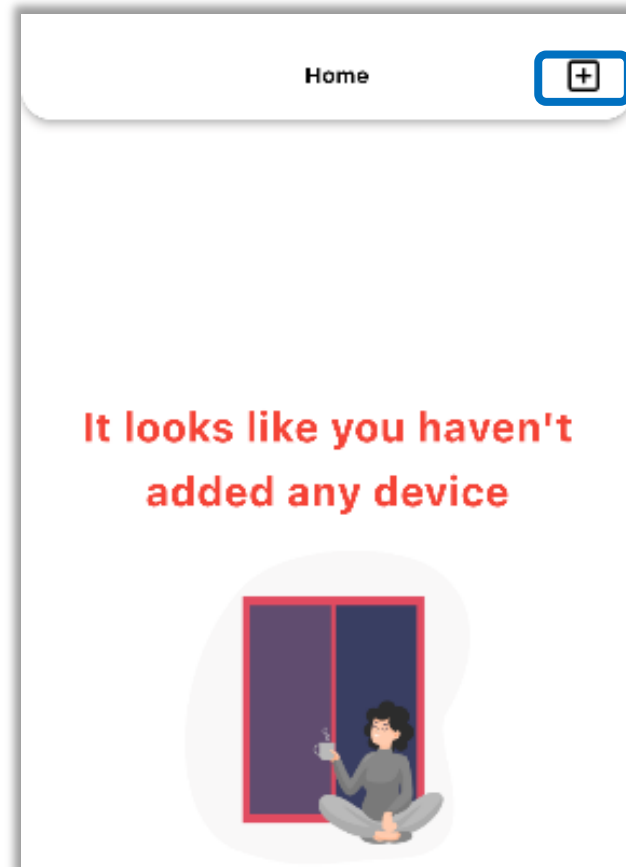
2.4 The app will display the SmartSlydr. Click the "Connect Device". Keep your phone closer to SmartSlydr during this step.
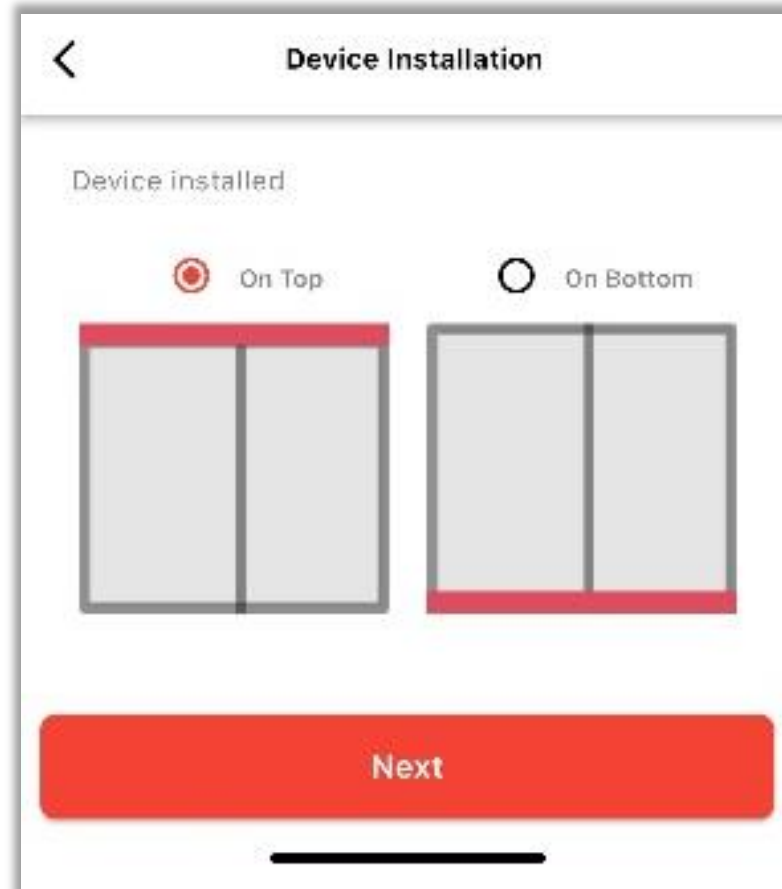
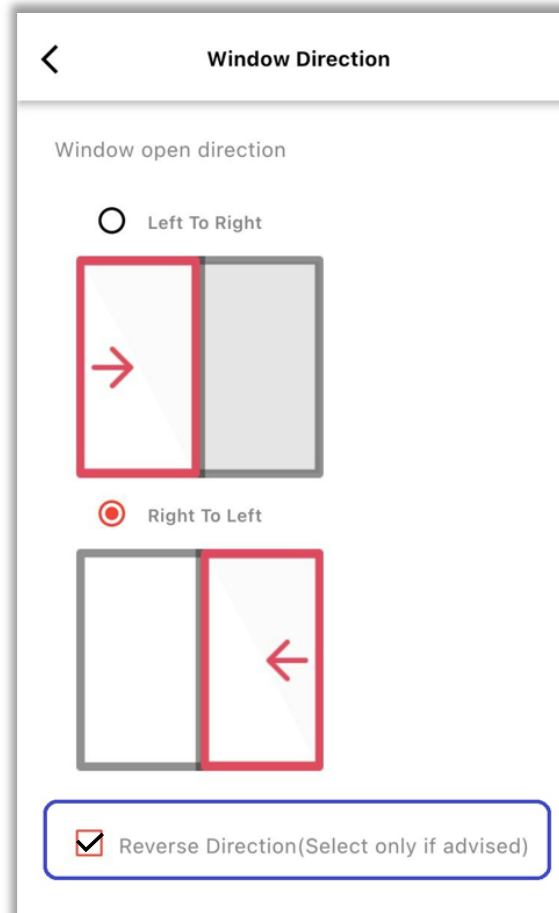*(If you have any issue with this step, please refer to Troubleshooting section at the end.)*
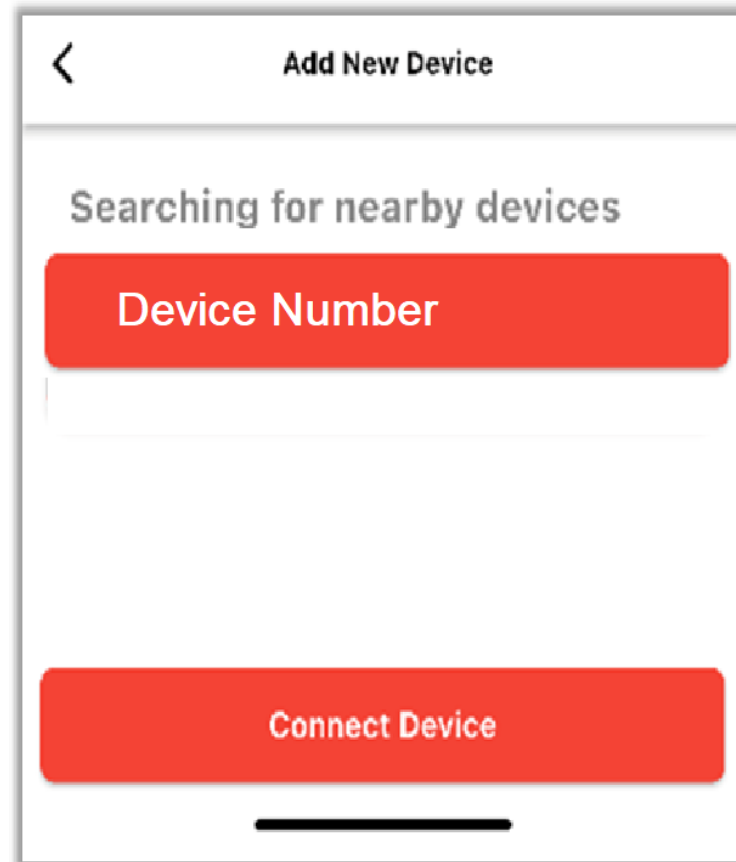
2.5 It will fetch a nearby Wi-Fi list, please connect to your Wi-Fi network.

- Please select your wi-fi network.
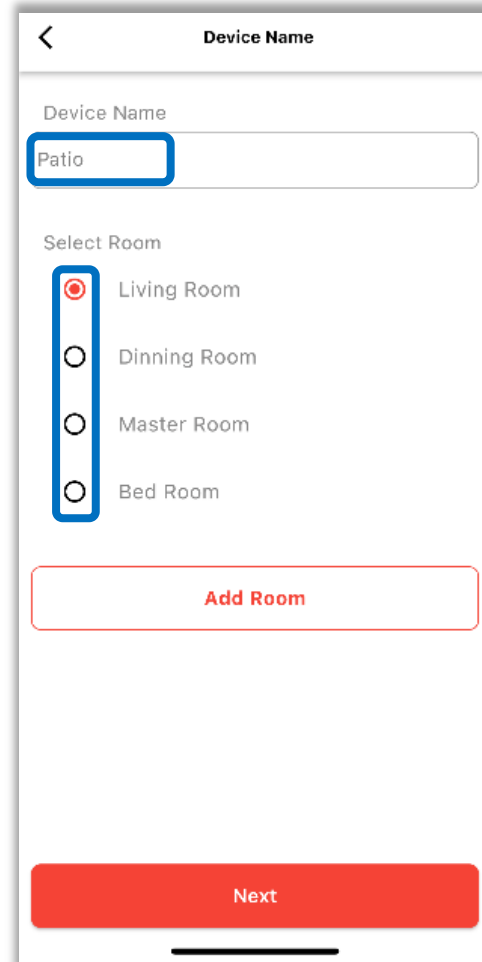- Enter the password.

2.6 Select the device installation place and click the "Next" button.

2.7 Select the direction of the Moving panel and check Reverse Direction.
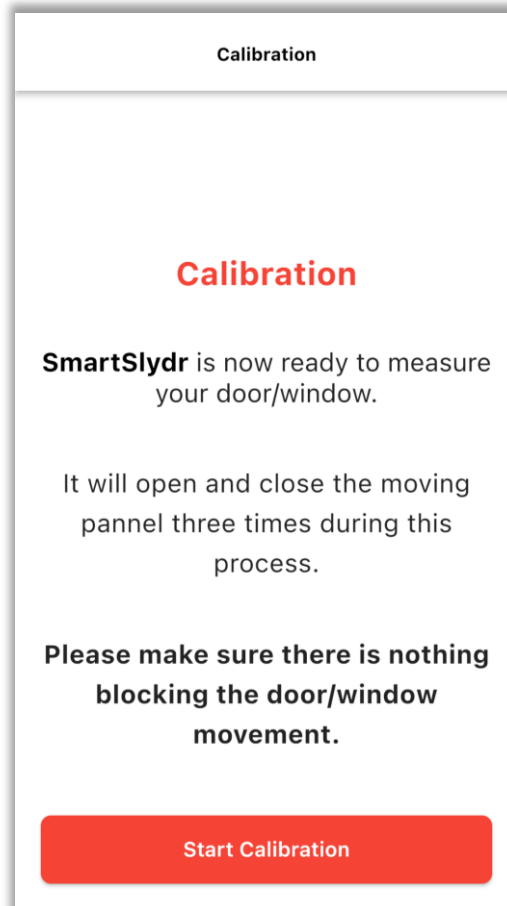
2.8 Enter the device name. Select the Room from the default Rooms or add the custom Room. Click the "Next" button.
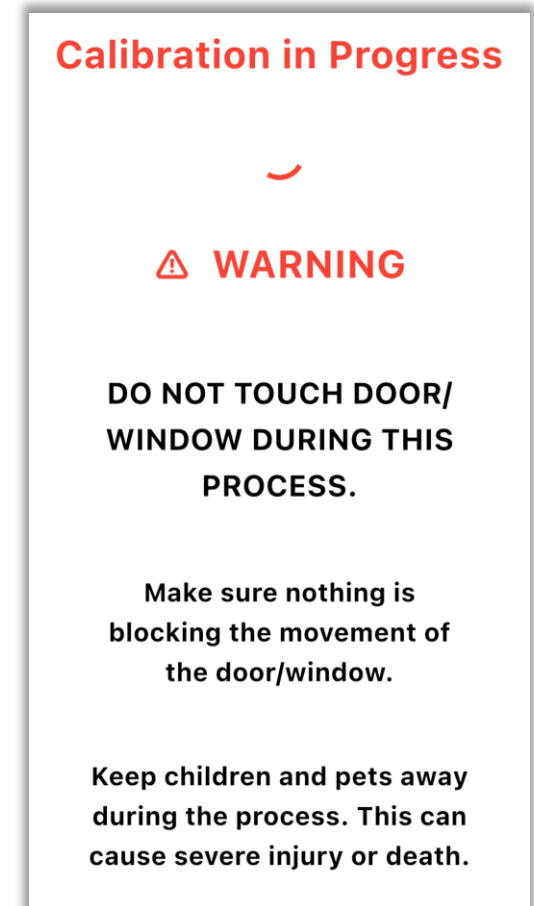
2.9 SmartSlydr will calibrate and measure the force required to operate. Click the "Start Calibration" button.

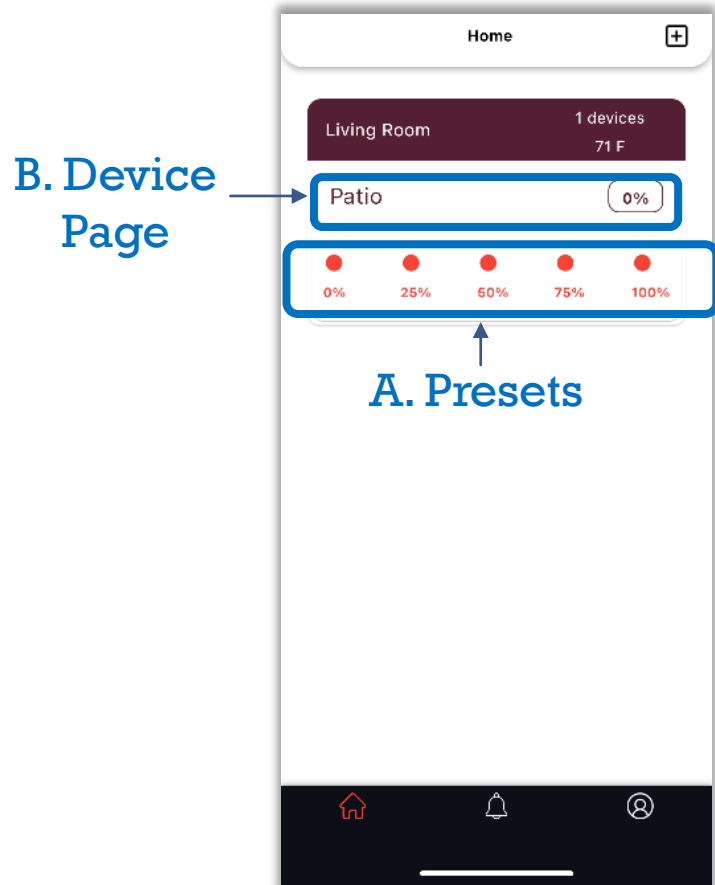*(If you don't see the start calibration button, please follow the troubleshooting guide.)*

Calibration

Calibration

SmartSlydr is now ready to measure your door/window.

It will open and close the moving pannel three times during this process.

Please make sure there is nothing blocking the door/window movement.

Start Calibration

- SmartSlydr will automatically measure the required force and the location of close and open positions for the door/window.

- Please try not to temper the movement.

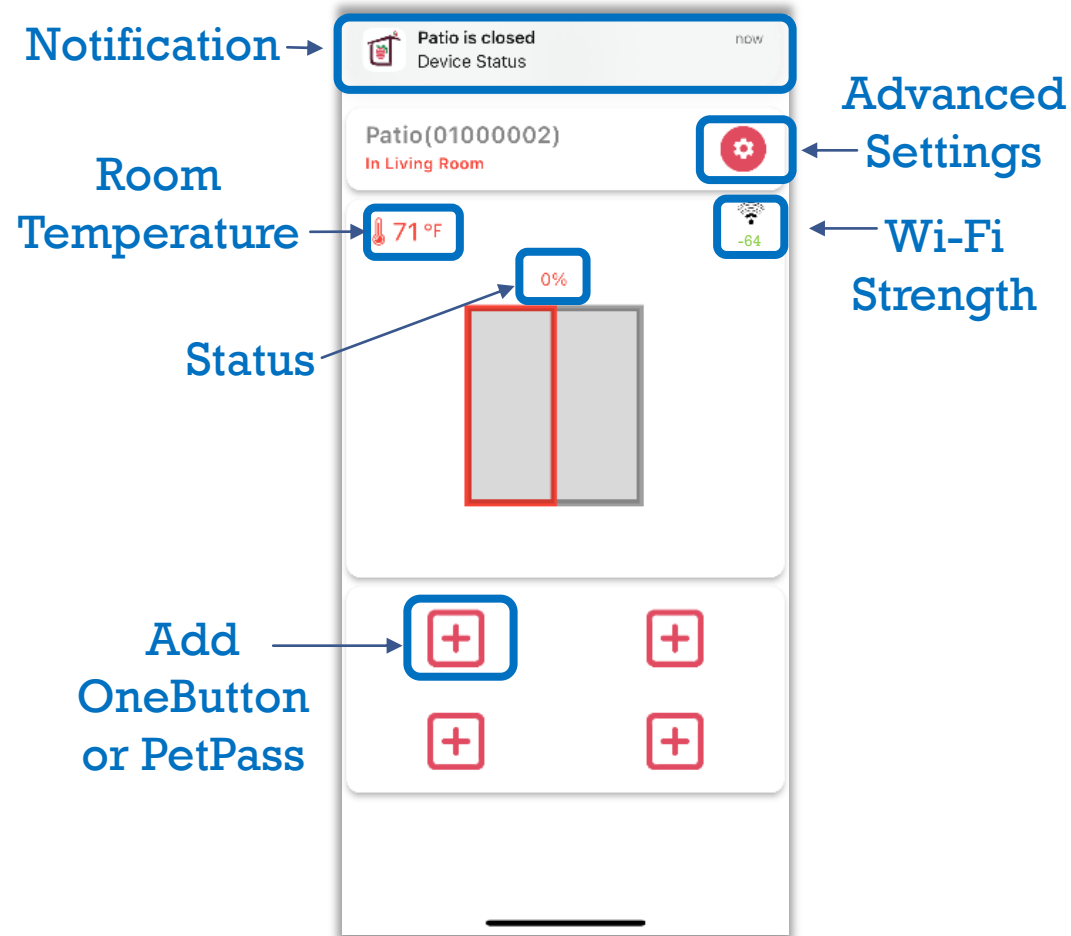- Refer to troubleshoot if the door/window isn't opening or closing properly during this step.

Calibration in Progress

⚠ **WARNING**

DO NOT TOUCH DOOR/ WINDOW DURING THIS PROCESS.

Make sure nothing is blocking the movement of the door/window.

Keep children and pets away during the process. This can cause severe injury or death.

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2.10 SmartSlydr is ready to slide.

B. Device Page

A. Presets

- A. Touch the preset buttons to select the pre-defined opening widths.

- B. Touch on the Device Name for Device page. Customize opening can be selected from the device page.

2.11 Slide the panel to operate the SmartSlydr.

Notification

Advanced Settings

Room Temperature

Wi-Fi Strength

Status

Add OneButton or PetPass

- If your Wi-Fi strength is between -75 to -90, please try to place your Wi-Fi router nearby to SmartSlydr or try upgrading your network for the best experience.

THANK YOU!

Set up is complete.
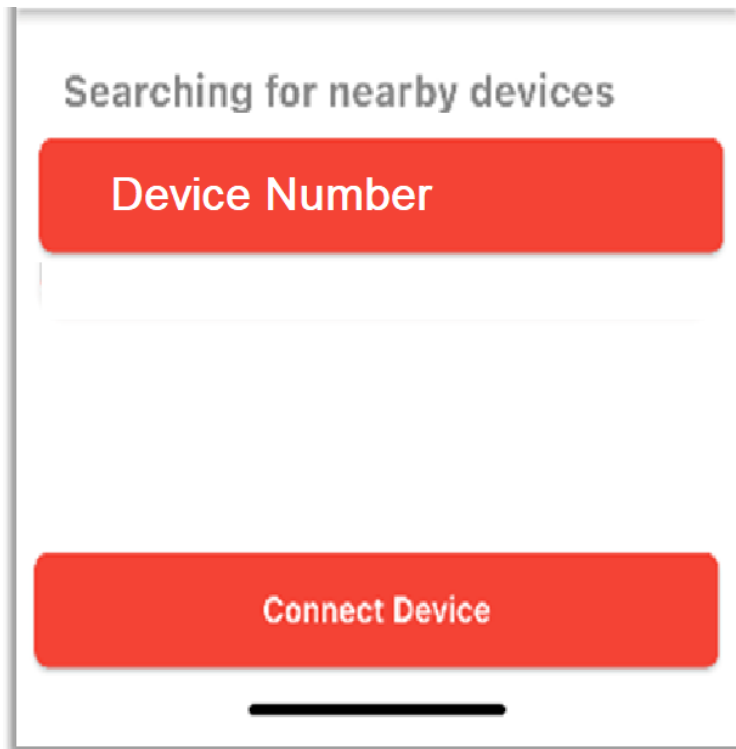
Slide the door/window with SmartSlydr!

You can continue with next steps to add PetPass/OneButton.

2.12 PetPass/OneButton Set Up.

Add OneButton or PetPass
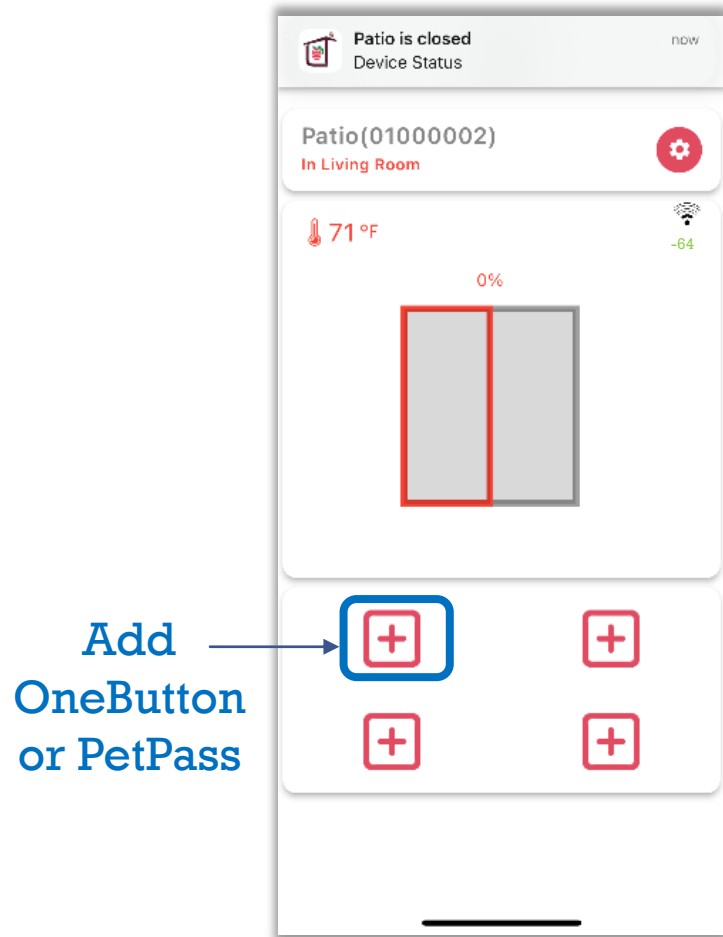
- Click the + button to pair the OneButton or the PetPass.

2.13 Pair as the OneButton or PetPass.

- Turn on Bluetooth.
- Press the physical Tag to turn it on. You can see the blinking light. (If the light doesn't turn on, long-press the button until you see a light then leave the button to power off. Press the button again to power it on.)
- Tag will show up on the app screen. Click the "Connect Device".
- If you see multiple devices, keep other tags away from the phone. (or try selecting them one after another.)

2.14 Pair as the One Button.
A Tag will stop blinking a few seconds after pressing the "Save" button.
Skip this step to pair as PetPass

1. Enter the name of the One Button.

2. Select the One Button.

3. Please ignore the PetPass settings those are required for PetPass mode only.

4. Click "Save".

5. Wait for 30 secs to get One Button synchronized with SmartSlydr.

6. Press the Button and SmartSlydr should start moving.

2.15 Pair as the PetPass.
A Tag will stop blinking a few seconds after pressing the "Save" button.
Skip this step for One Button

1. Enter the name of the Pet.

2. Select the operating mode "PetPass".

3. Select the door opening for the Pet size.

4. Select Sensitivity, we recommend starting with 6. Near means, PetPass will open the SmartSlydr from near distance only. Adjust the value accordingly based on the few days of experience.

5. Select the automatic operating mode if you like a door to open when PetPass will come near the door.

6. Select the time you like to close the door once opened.

7. Click "Save".

8. Allow 30 secs to get PetPass synchronized with SmartSlydr.

9. Take PetPass near to the Door and it will open the door to the selected value and closes it after the selected time.

10. Activate or deactivate all PetPass from the Device page as shown on right.

# 2.15.1 PetPass Send Request Mode.
Skip this step for One Button

1. Select the Send Request mode. Change settings if you like.

2. Click "Save".

3. Take PetPass near the Door and it will send the notification to the mobile app.

4. Go to the History page.

5. Allow to open the door to the selected value and closes it after the selected time.
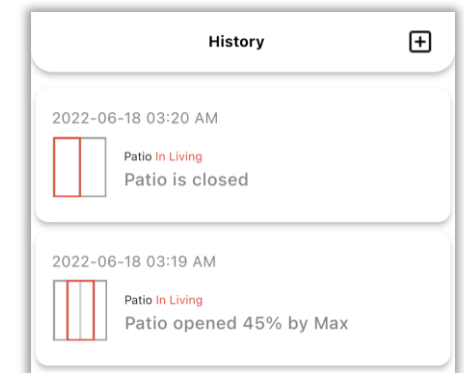
6. You will get a notification for the operation.

Phone Notification
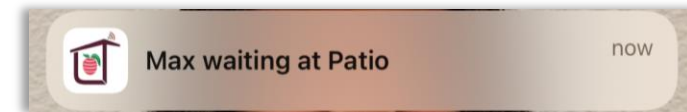
History Page of App
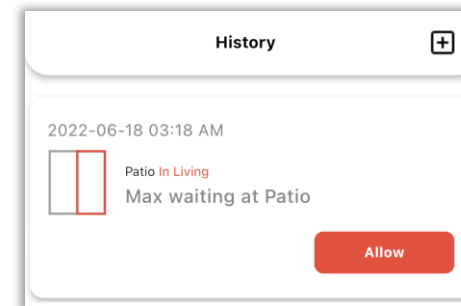
**Door Operation Notification**

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2.15.2 How PetPass works?

- SmartSlydr uses wireless communication to ensure proper operation is as accurate as possible, but the technology has limitations. Your SmartSlydr is more likely to accurately detect the PetPass if there is less disturbance from the other wireless devices in your home.

- When the Pet goes near the attached receiver on the door frame, there is a few seconds delay in the opening of the door. This is to prevent false opening when the pet just passes by the door without waiting.

- If the pet stays standing or sleeping near the door, once the door is closed in automatic mode the pet has to move away by 10-20ft for 10-15 seconds to re-trigger the opening. You will hear a chirp (small double beep) that indicate the SmartSlydr is ready again to open the door when it detects PetPass nearby.

- If the PetPass is present nearby before the chirp sound, it will ignore the opening automatically thinking the pet is sleeping or playing nearby to avoid continuous opening and closing.

- Please feel free to share your experience and feedback. We will try our best to incorporate the feedback in the future software updates.

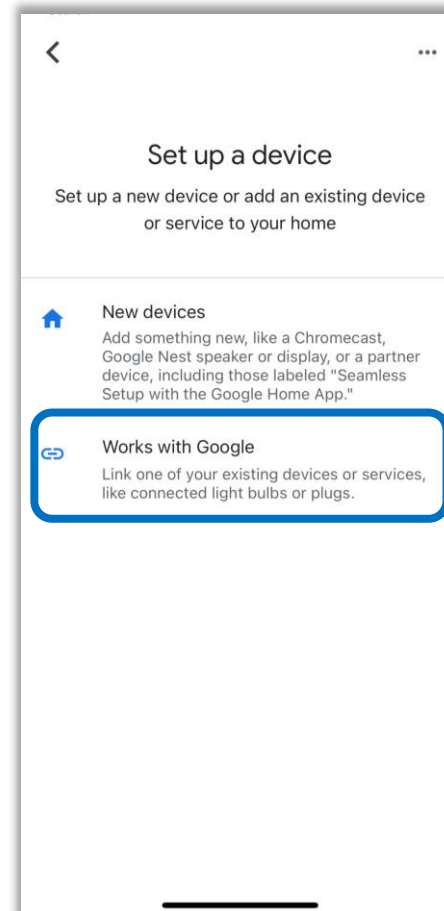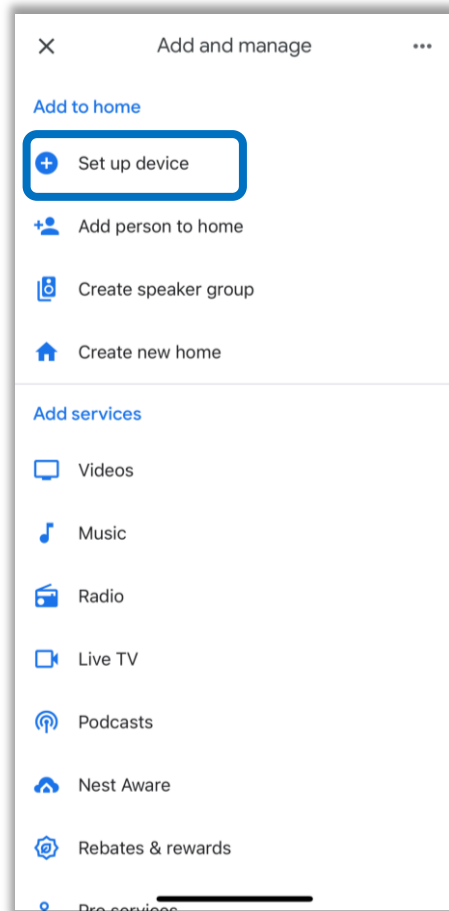# SECTION 3 SMARTSLYDR GOOGLE HOME SETUP

Please refer to the advanced guide at

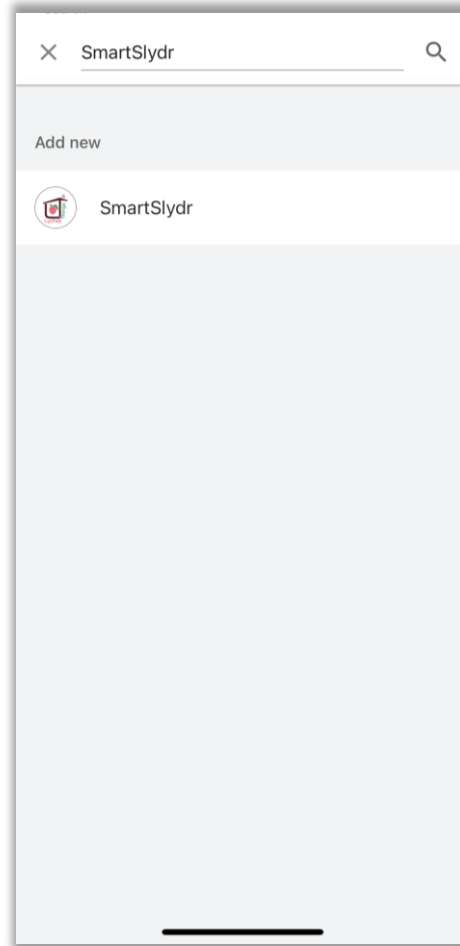https://lycheethings.com/support/SS_SmartHome_Setup.pdf

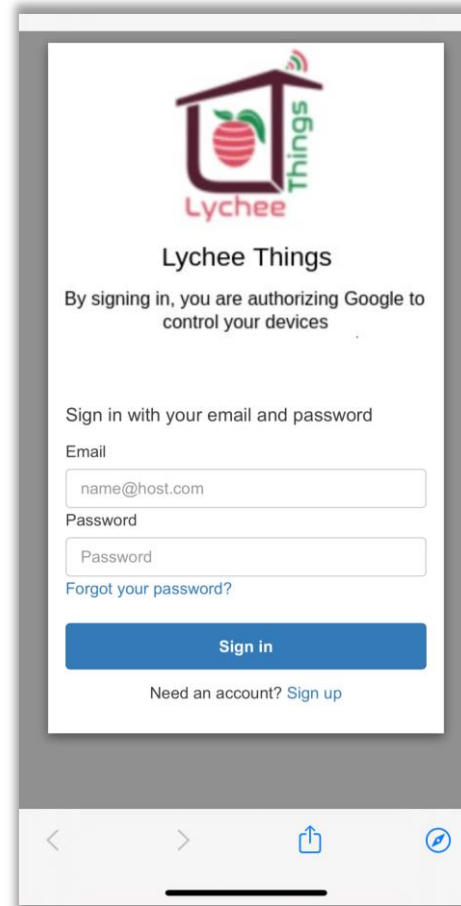# 3.1 Open the Google Home application. Click on the "+" located at top left.
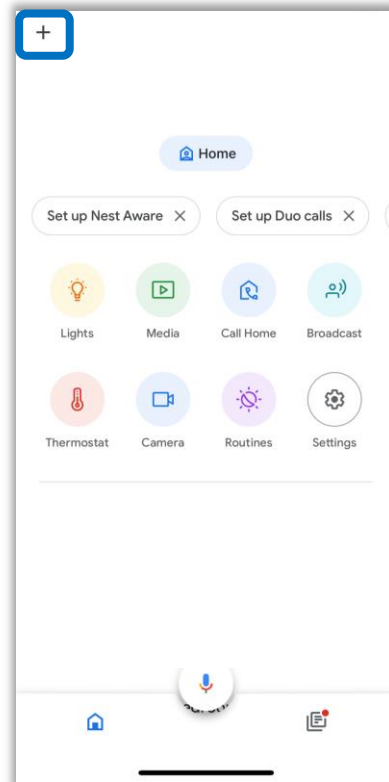
3.2 Click on the "Set up device" and then "Works with Google".

3.3 Click on the search icon 🔍 ".
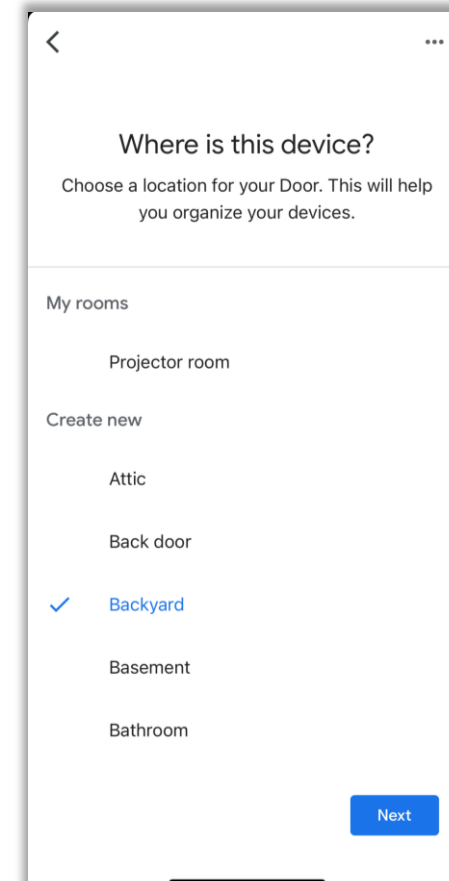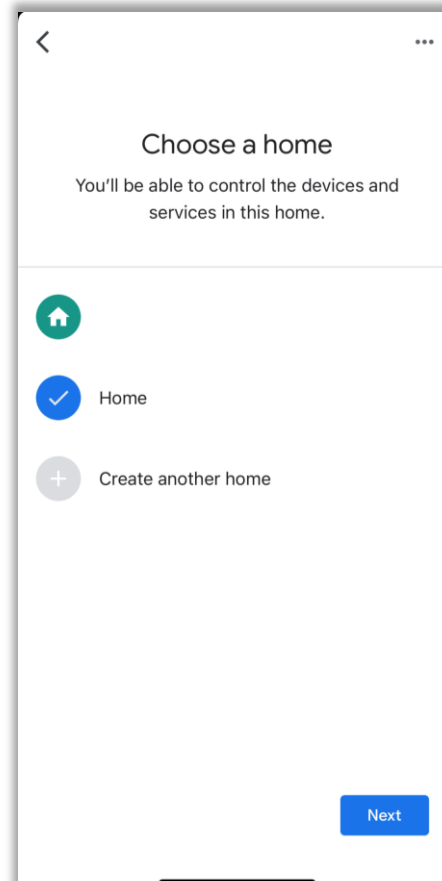## Enter "SmartSlydr" and select it.

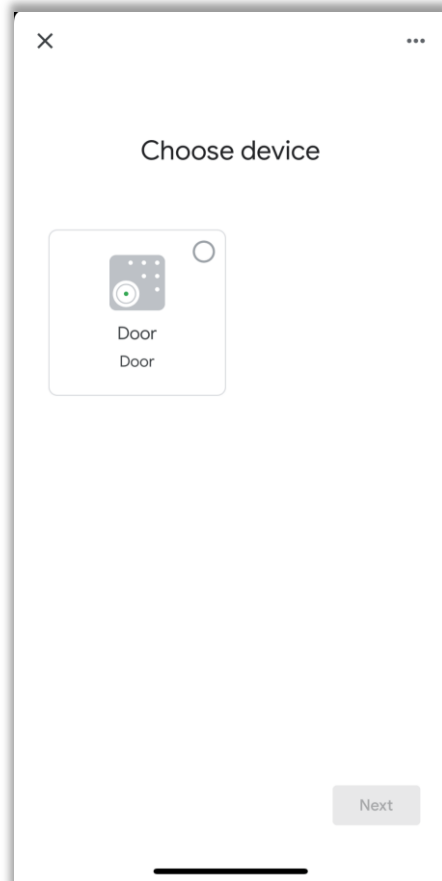# 3.4 Sign in with your Lychee Things Email and Password.

3.5 You will see the new device/s with the name that you have assigned in Lychee Things SmartSlydr application. You can choose the fields where you like to locate the SmartSlydr in your home.

3.6 ALL SET!
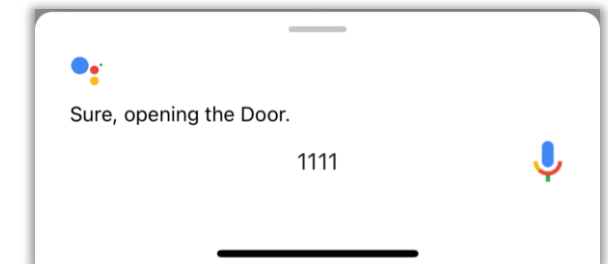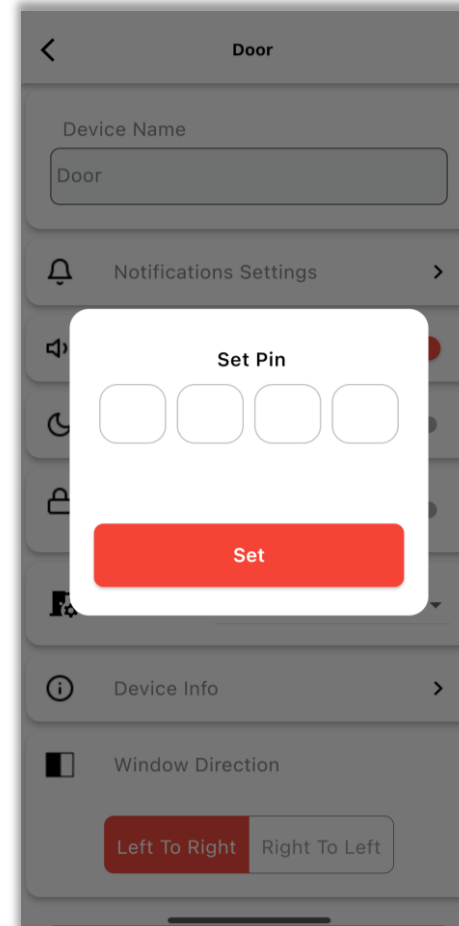Use your voice to give command to SmartSlydr.

Ok Google, Open <Device Name>!

Hey Google, Set "Door" to 60%!

Ok Google, Close the "Window"!

3.7 You can set the pin for added security to operate the SmartSlydr.

- Go to the Lychee Things SmartSlydr application.

- Go to Device settings page.

- Set the pin.

- Google Home Speaker to operate the device.

- Google Home will ask for the pin.

- Provide the pin.
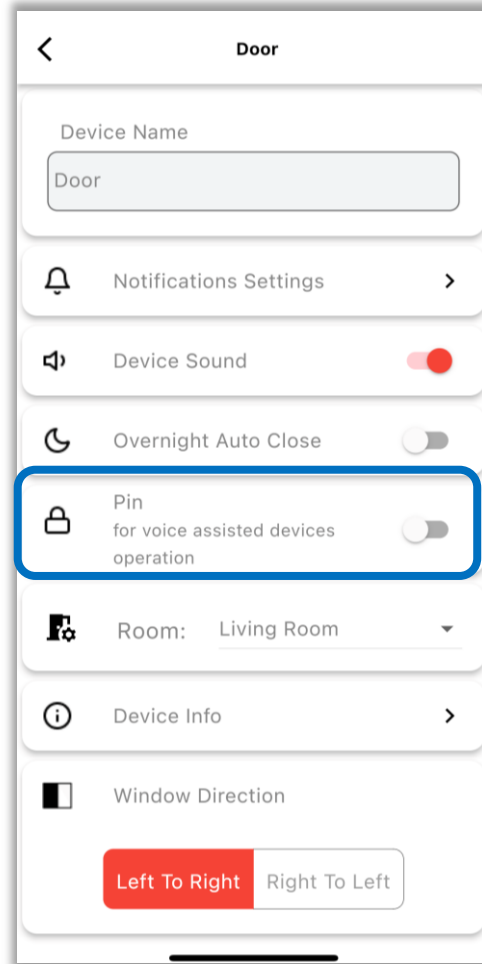
SECTION 4 SMARTSLYDR ALEXA SETUP

Please refer to the advanced guide at
https://lycheethings.com/support/SS_SmartHome_Setup.pdf

4.1 Open the Amazon Alexa application. Click on the "More" located at bottom right.

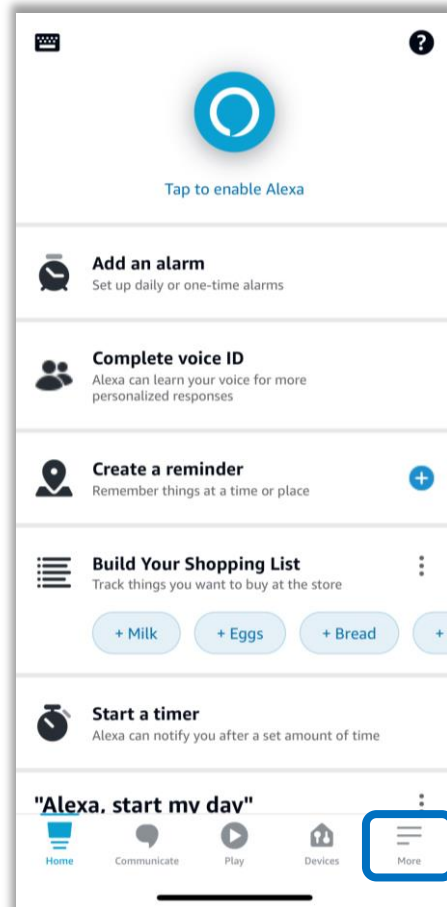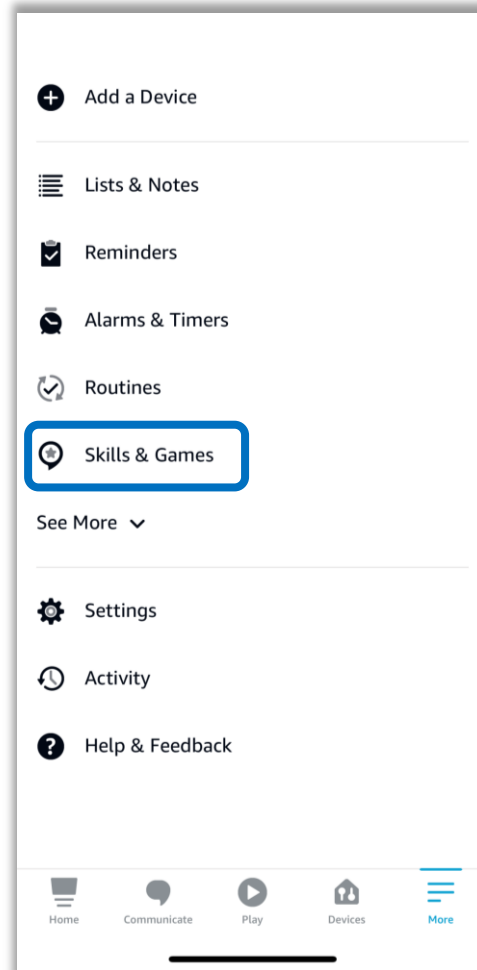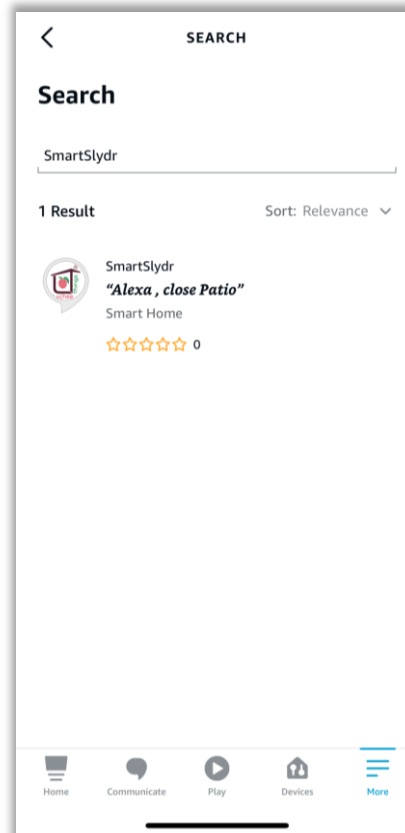# 4.2 Click on the "Skills & Games".

4.3 Click on the search icon 🔍 ".
Enter "SmartSlydr" and select the skill.
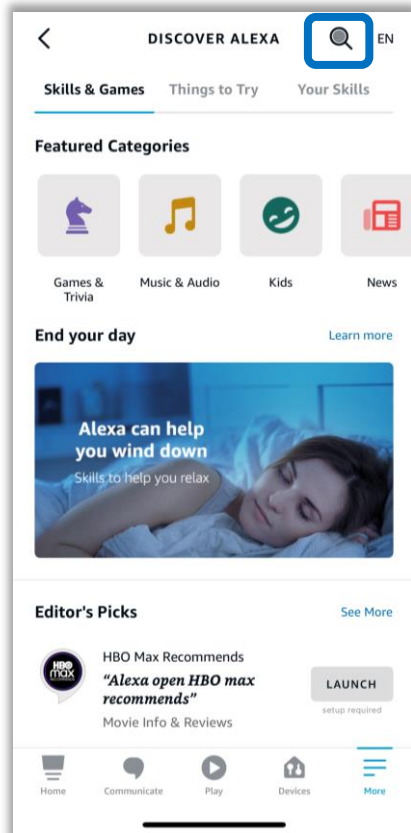
4.4 Click on "Enable To Use" and sign in with your Lychee Things Email and Password.
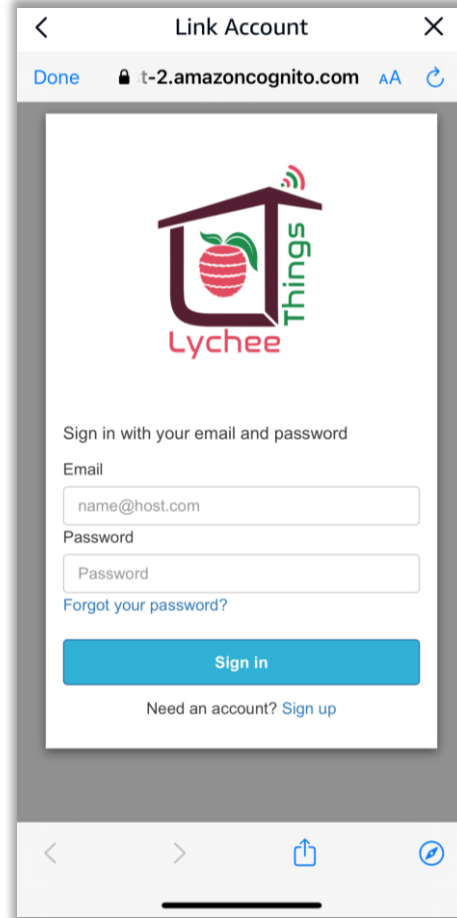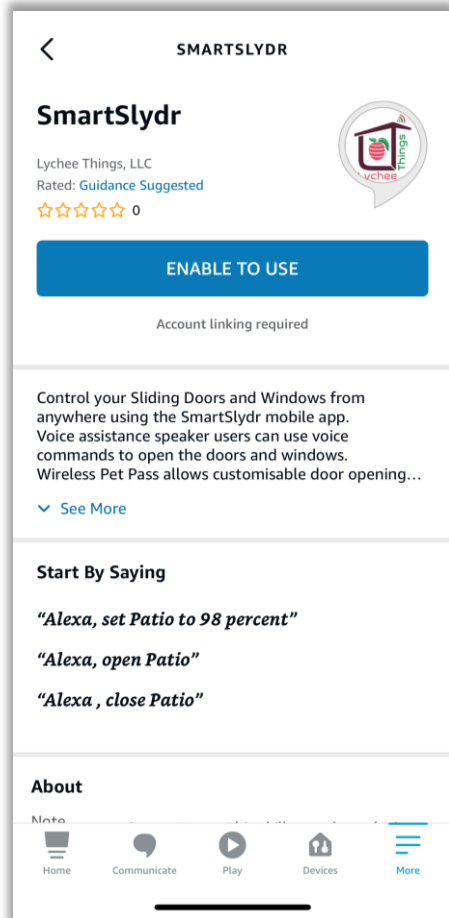
4.5 You will see the message for the successful linking of the SmartSlydr. Click the "Discover Devices" to use it with Alexa.

SmartSlydr Skill is Now Linked
Your Amazon account has been linked with t...

Your SmartSlydr account has been successfully linked.

What to do next:

Close this window to discover smart-home devices you can control with Alexa.

CLOSE

Discover Devices

Smart Home devices must be discovered before they can be used with Alexa.

CANCEL

DISCOVER DEVICES
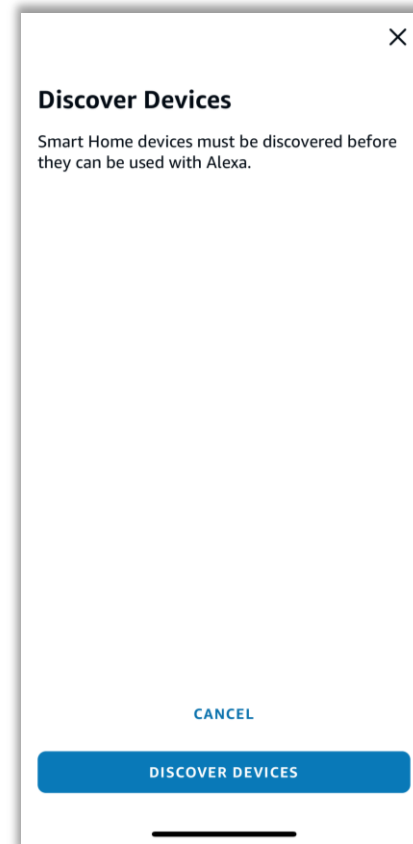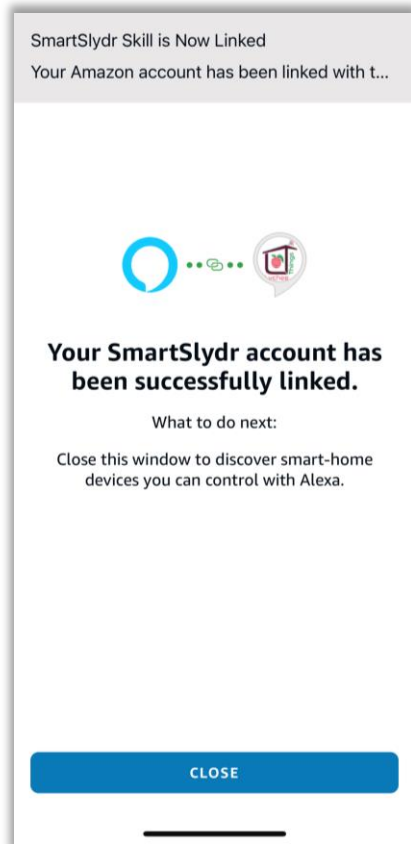
4.6 You will see the new device/s with the name that you have assigned in Lychee Things SmartSlydr application.
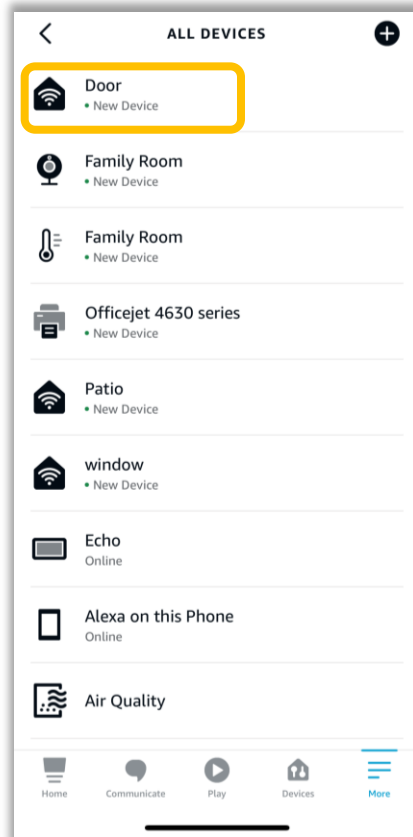
4.7 ALL SET!
Use your voice to give command to SmartSlydr.

Alexa, Open <Device Name>!

Alexa, Set "Door" to 60%!

Alexa, Close the "Window"!

Alexa, What is the "Patio" status?

4.8 Set your favorite phrase to operate the SmartSlydr.
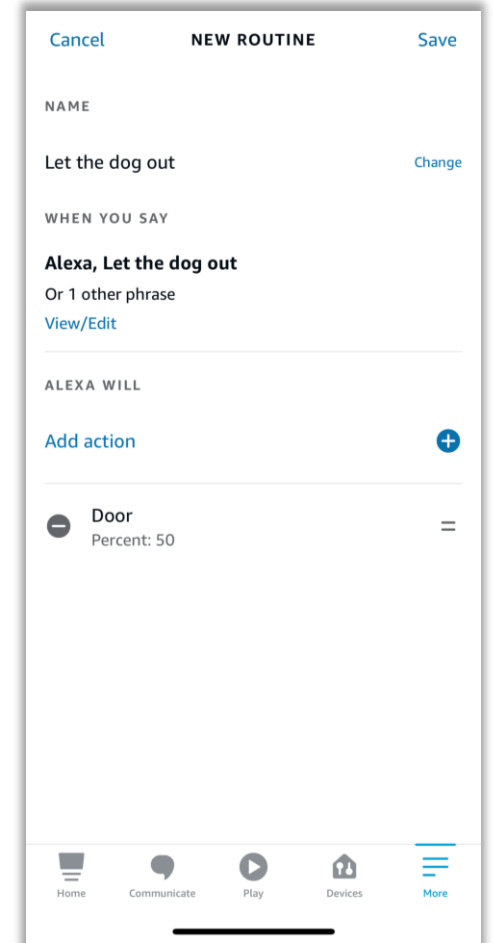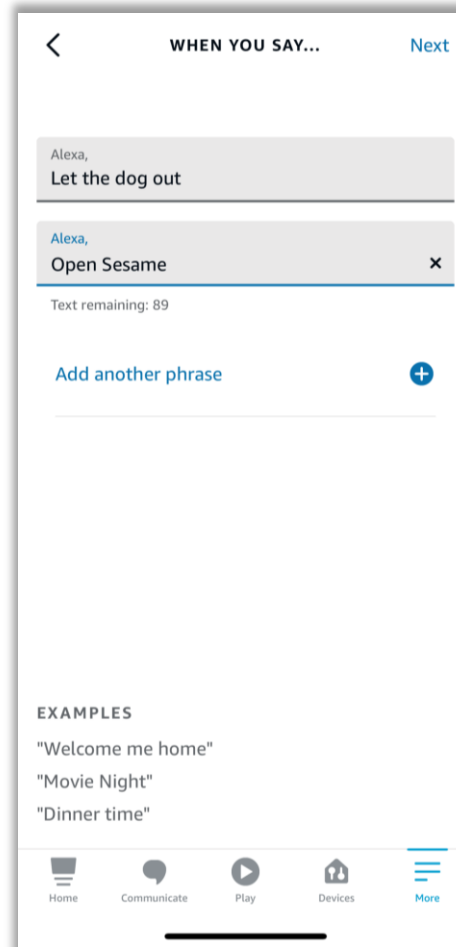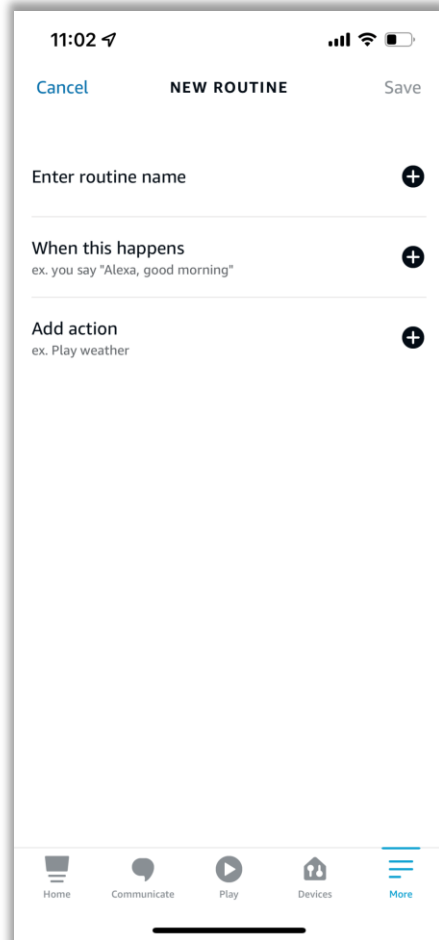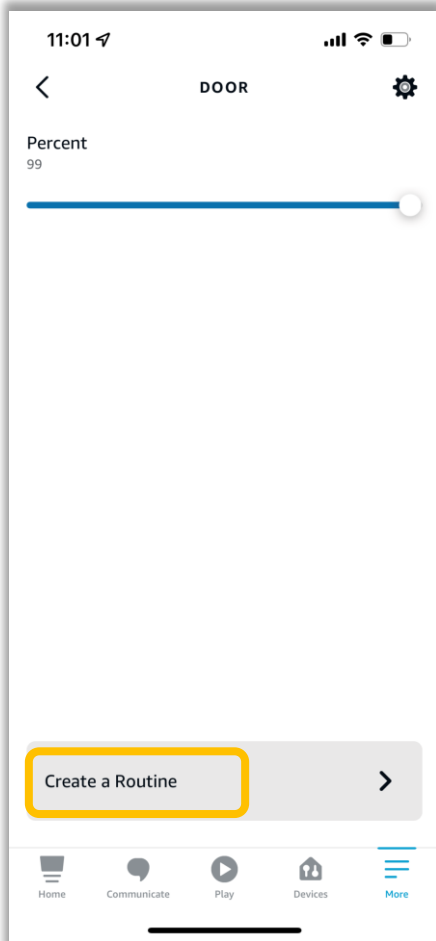
SECTION 5(A) SCHEDULE OPERATION (Door Open/Close)

Schedule can be set via Amazon Alexa Mobile application. This can be used without Alexa speaker. Please refer the Section 4 to set up SmartSlydr with Alexa. And create routines to schedule the automated open and close as below.
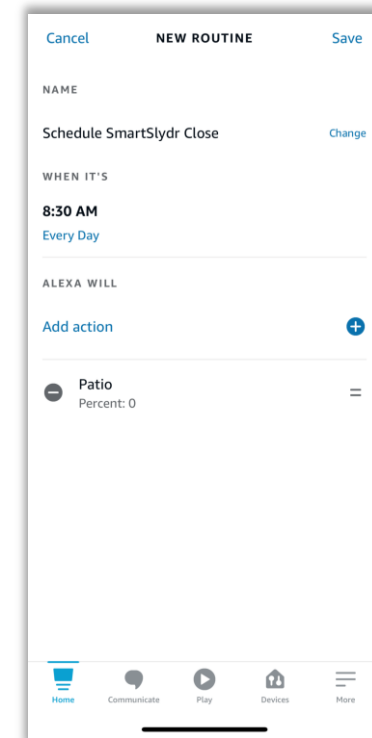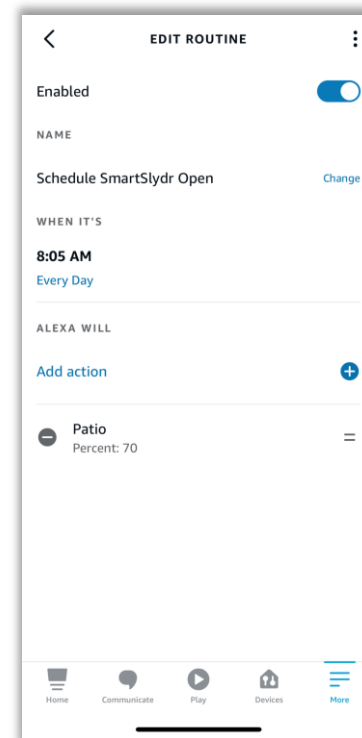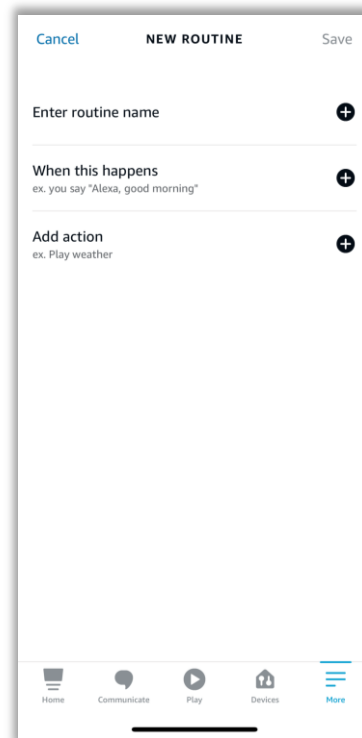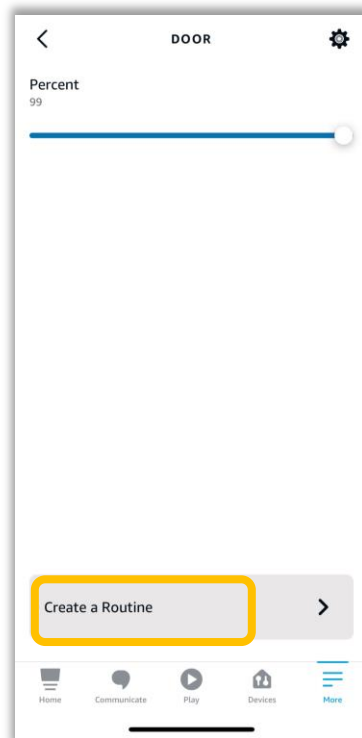
SECTION 5(B) SCHEDULE OPERATION (PetPass Enable/Disable)

Schedule can be set via Amazon Alexa Mobile application. This can be used without Alexa speaker.
For detailed steps, please refer the video guide. https://youtu.be/E0s6mXGbTcI
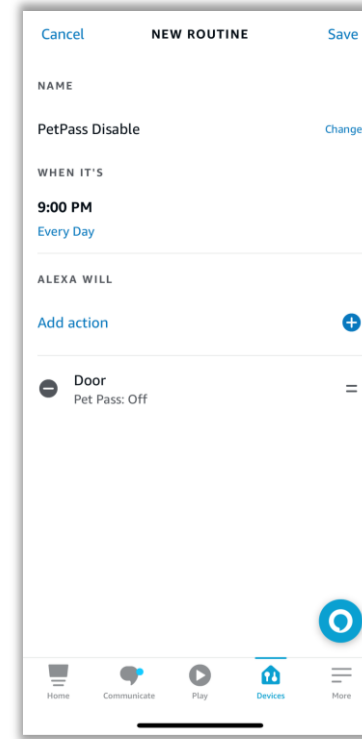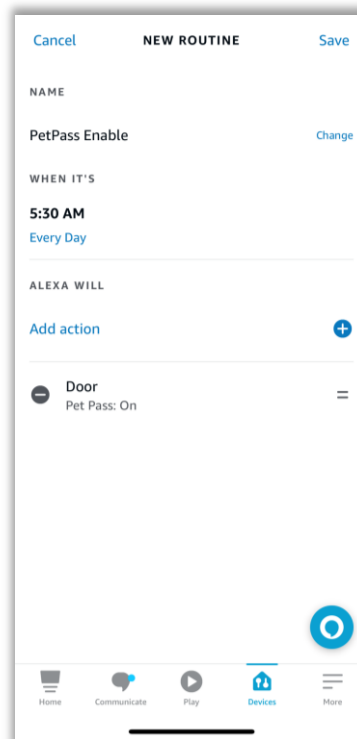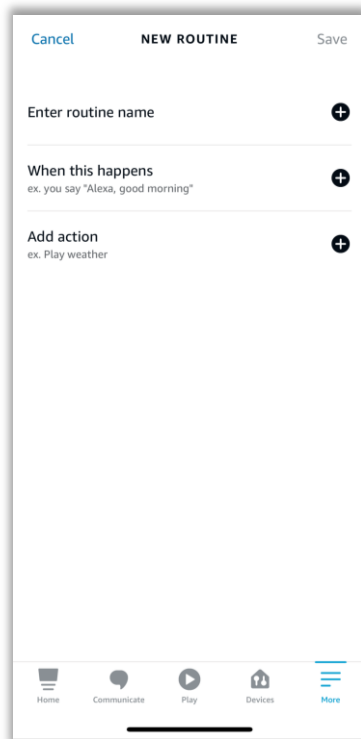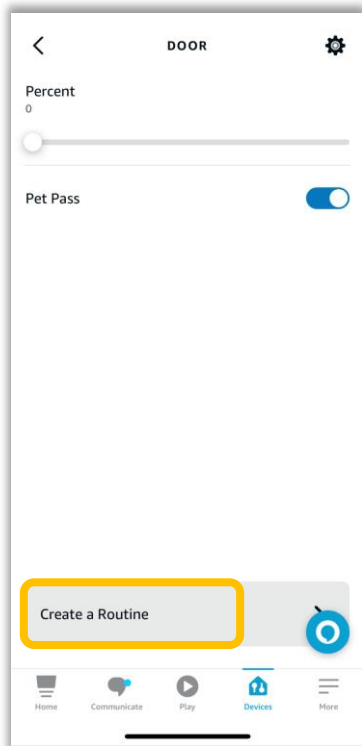
SECTION 6 MANUAL OPERATION

Pull the string with one hand and slide the moving panel with another hand. It will detach the SmartSlydr head from the moving panel Corner Cap for manual operation.

Tip: You can avoid the self-latching of the SmartSlydr head with the Corner Cap during manual operation by this. Open the door/window through SmartSlydr fully (100%) position and then pull the string for manual mode.

SECTION 7 SMARTSLYDR TROUBLESHOOTING

A. **SmartSlydr device not found in the application.**

Try following the below steps.

- Unplug the power cord and plug it back in again after 10 seconds. Check if it fixed the issue.

- If not, factory reset the SmartSlydr.

B. **How to Factory Reset SmartSlydr?**

- Keep the power connected. Please remove the linked PetPass/OneButton from the mobile app.

- Remove the SmartSlydr device from the mobile app settings page.

- Locate the reset button placed on the backside of the SmartSlydr.

- Slide your finger on the rubber part to feel the little bump that is located near the temperature sensor.

- The moment you press the button it will start making a sound.

- Keep the reset button pressed until the sound stops.

- SmartSlydr will be discoverable again in the application after a successful factory reset.

Temperature Sensor

Reset Button
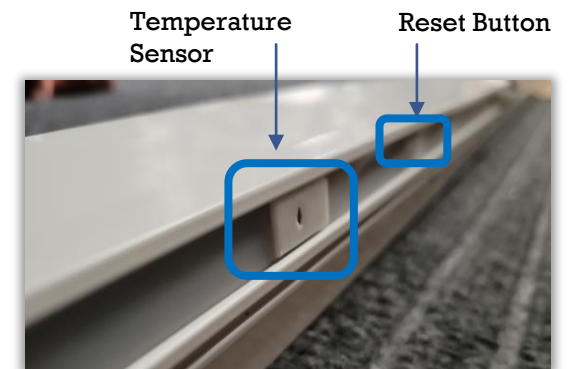
TROUBLESHOOTING

C. **SmartSlydr application is stuck on waiting for the calibration screen with the spinner. No other message is being displayed on the app.**

- Please follow the factory reset process. Follow the setup process from step 3.

- Make sure to enter the correct Wi-Fi password. Click on the view password button to double-check.

- Check your Wi-Fi has internet access.

D. **SmartSlydr isn't moving after pressing the "Start Calibration".**

- Unplug the power cord and plug it back in again after 10 seconds. Check if it fixed the issue.

- If not, factory reset the SmartSlydr.

TROUBLESHOOTING

E. **Door/window isn't opening or closing properly in the Calibration.**

- Please try to clean and lubricate the tracks and corner areas that blocks the movement. Easier way to identify where to lubricate is by observing the friction marks.

- Use the supplied lubricant oil to the affected areas.

- Remove anything blocking the path of the track like door stopper.

- Now try calibrating again.

Remove the stopper

TROUBLESHOOTING

F. **Corner Cap getting detached or getting misaligned.**

- Please attach the Corner Cap with the self-threading screw on the door/window frame to avoid this issue.

TROUBLESHOOTING

G. Device is showing Offline in the mobile app, what should I do?

- Please unplug the power cord, wait for 5 seconds, and plug it again.

- SmartSlydr will discover the Wi-Fi network immediately to make the connection.

- If you see this issue often, you need to improve your Wi-Fi connectivity. You can try placing the router closer to the device.

- If you are using the mesh routers the issue can be due to your primary router is connected with SmartSlydr that is further even though other router is placed very close to SmartSlydr. To eliminate this issue move the primary router further away to have connection with close by router or you can move primary close by to have connection with SmartSlydr.

TROUBLESHOOTING - PETPASS

H. PetPass/OneButton is not working, how to make sure it is paired correctly?

- Press the button on the Tag which one is configured in the first place in the mobile app, red light should blink once. For reference, Remote is configured in the first place in the photo.

- Press the button on the Tag which one is configured in the second place in the mobile app, red light should blink twice. For reference, Max is configured in the second place in the photo.

- If the light is slowly blinking continuously for every ~1 second, you may need to remove the Tag from the app and pair it again. Please follow the below steps to remove the Tag.

  i. You need to remove the tag from the mobile app. Go to the Tag and click Remove the PetPass.

  ii. Then long press the tag button until you see the solid red light then leave the button to power it off.

  iii. Pair it again following steps from the guide on page 35 onward from the guide.