SMARTSLYDR INSTALLATION & SET UP GUIDE SMALL/MEDIUM/LARGE

TOP MOUNT
INSIDE MOVING PANEL

(FOR THE DOOR OR WINDOW)



Refer Bottom Mount Instructions here.

INDEX

Topics	Page Number
1. <u>Top Installation</u>	3
2. <u>Mobile Set up – SmartSlydr</u> <u>PetPass/One Button Setup</u>	22 35
3. Google Home Set up	41
4. Alexa Set up	49
5. <u>Schedule Operation - SmartSlydr</u> <u>Schedule Operation - PetPass Enable/Disable</u>	58 59
6. <u>Manual Operation</u>	60
7. <u>Troubleshooting Q&A</u>	61

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 required

- Powered Screwdriver with PH2 bit.
- A pencil/pen for marking.

Unboxing

SmartSlydr



PetPass/OneButton *



Collar Strap *



^{*} PetPass/OneButton and Collar Strap are only provided if they are ordered together with SmartSlydr.

ACCESSORIES

A. Lubricating Oil



B. Measuring Tool



C. Metal Brackets



D. Screws (8x)



E. Flat Mounting Brackets



F. Corner Cap



Front Edge: S/M/L

Side Edge: lx

G. Power Supply



H. Small End Bracket (2x)



⁴

Section 1: Top Installation

1.1 Track Cleaning

- Please clean the bottom track of sliding door, please refer to the <u>video</u>.
- Apply **(A) Lubricating oil**, which will suffice for 3-4 applications. Save the oil for future use.
- We recommend cleaning and lubricating the door every six months.

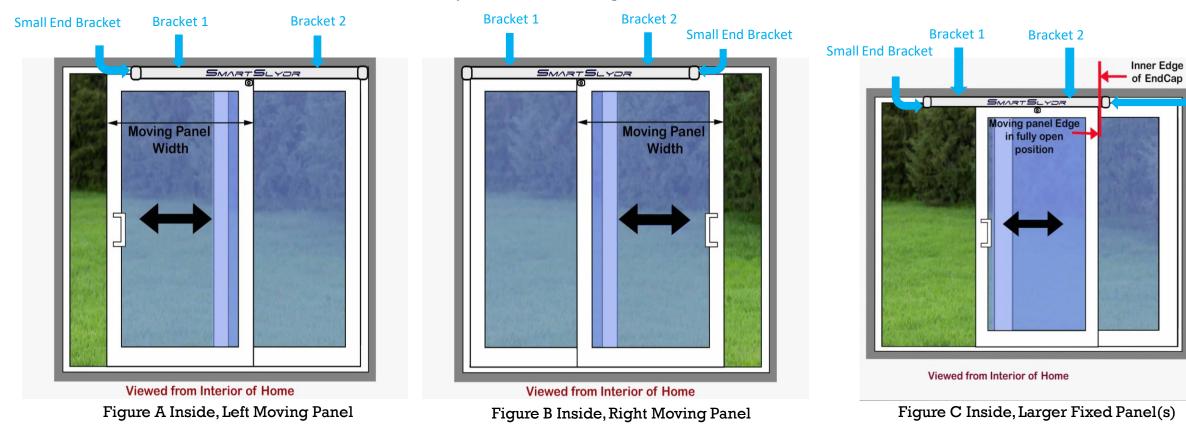
1.1 Brackets Marking

- Refer to the below figure A for left moving panel and figure B for right moving panel and identify the location where to install SmartSlydr. Mark the position for two brackets (C), ensuring that they are approximately one foot from both ends of SmartSlydr.
- If the sliding and fixed panels have similar dimensions, align one end of SmartSlydr with the fixed panel end. Refer the figure A and B.
- However, if the fixed side is bigger, fully open the sliding panel and align the edge of the moving panel with the inner side of the SmartSlydr side cap. Refer the figure C.

Small End

Bracket

• Small end bracket can be install after the SmartSlydr is attached in step 1.4.a.



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 ensure 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.

- Position the **Flat Mounting Bracket (E)** on a flat surface and secure it 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 ensure the recommended distance away from the frame.







1.4 Mount Brackets (Top or Flat Mount)

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

(In less likely situation if a stud is not present 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 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

Skip this step for OneButton setup or if PetPass is not required.

• If you plan on using PetPass mode, take out the Antenna by opening the side cap, typically located on the opposite side of the power supply. This step is not required for the OneButton mode.

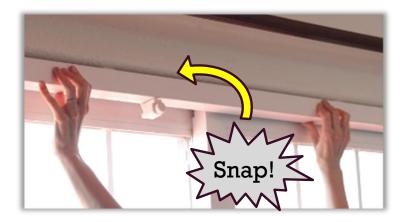




1.6 Install the SmartSlydr

- 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).







1.6.a Mount Small End Bracket

- Position the **Small End Bracket (H)** at the end of the SmartSlydr.
- Remove the backing from adhesive tape and stick it on the top surface as shown in the picture. It can be secured with a screw if end bracket does not stick firmly.
- If there is no top surface available, it can be stick to the front edge.







1.7 Corner Cap Marking (1/2)

• Keep the moving panel in the closed position, and place the **Measuring Tool (B)** with the short edge touching the SmartSlydr as show in the picture to mark the bottom edge.



1.8 Corner Cap Marking (2/2)

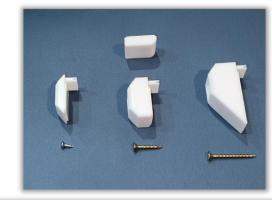
• Open the moving panel and mark the bottom edge same as step as 1.7. **Ideally both** marking should be the same or less than 1 cm (3/8 inch).

In an extremely rare case where the distance between the two markings is greater than 1 cm (3/8 inch), leveling is required. This can be done by placing padding between the brackets.



1.9 Choose the right size of Corner Cap Front edge

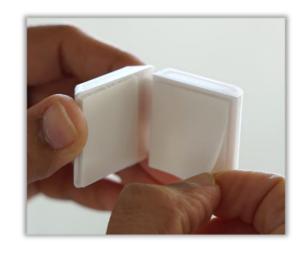
- Use a clean cloth to wipe down the area where you're applying the Corner Cap (F).
- Then, align the moving panel with SmartSlydr head and the spot where the Corner Cap will be attached. Choose the appropriate **Corner Cap Front Edge (F) size S/M/L** by holding the Corner Cap but do not remove the adhesive tape yet.





1.10 Stick the Corner Cap — Side Edge

- Remove backing from adhesive tape of the side edge of the Corner Cap (F), but do not remove the backing from the adhesive tape on the front edge yet.
- Slide the side edge of the **Corner Cap (F)** while keeping the front attached to align it properly to match the **top marking with corner cap bottom edge**. And, press firmly for a few seconds to secure it in place.







1.11 Stick the Corner Cap – Front Edge

- Now detached the front edge of Corner Cap (F) using Measuring Tool (B).
- Remove backing from the adhesive tape.
- (1) Keep pressure on the side edge, and (2) Stick the front edge and apply pressure for a few seconds to ensure it is properly secure.









1.11.a Attach the Corner Cap with Screw

This step may only be necessary if the Corner Cap is not adhering well to the door frame material, or if there is not enough area for the adhesive pads to stick firmly on the frame.

■ Attach the Corner Cap (F) to the door/window frame using the self-threading screw.





1.12 Latch the Corner Cap with Head

- Slide the moving panel to latch **Corner Cap** (**F**) with the Head.
- If it does not latch properly, adjust the length of the head attachment by rotating the nut.





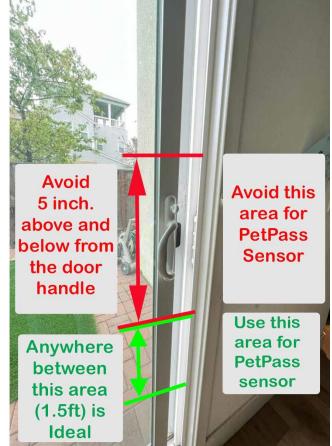
1.13. Stick the Antenna

Skip this step if no PetPass set up required. This step is not required for One Button use.

- 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).







(iii)

1.14. Attach the Power Supply

Please use the power cord organizer clips to secure the cord.





Congratulations! Your SmartSlydr is now ready for setup through the mobile app.

SECTION 2 MOBILE SET UP

Please download Lychee Things app and pair the SmartSlydr.

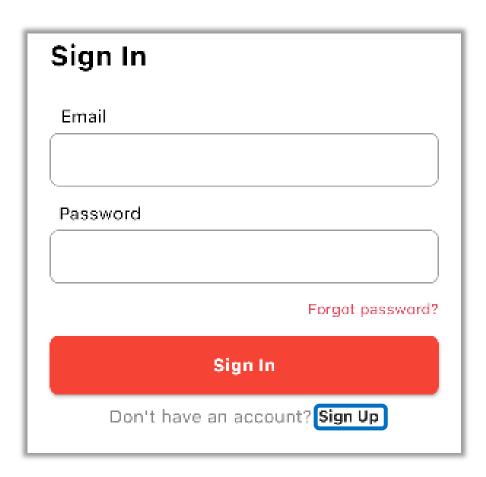




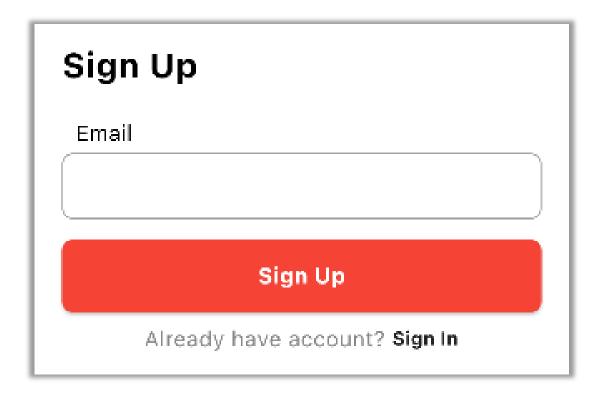




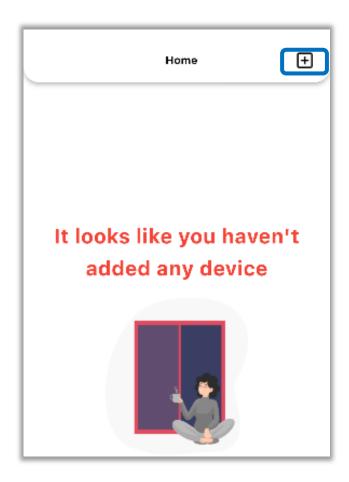
2.1 Click on the "Sign Up" at the bottom.



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.

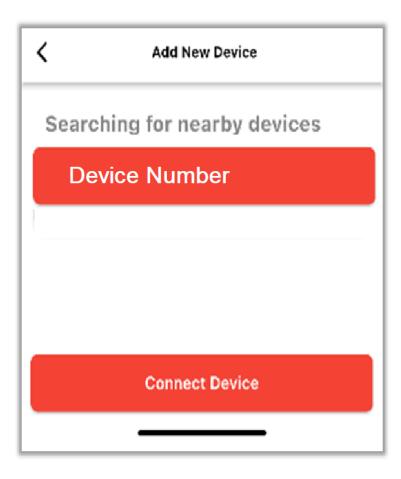


2.3 Click on the "+" sign on the top right to add the SmartSlydr device.



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.)



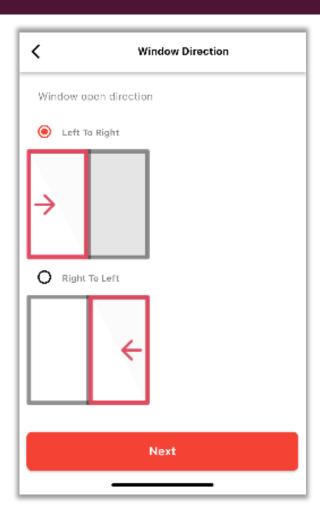
2.5 It will fetch a nearby Wi-Fi list, please connect to your Wi-Fi network.

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

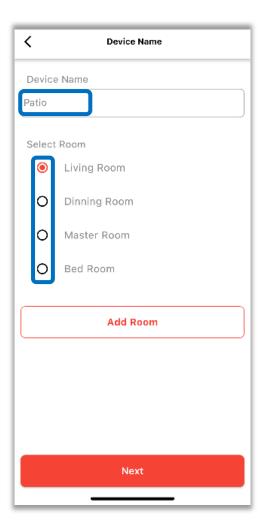
2.6 Select the device installation place and click the "Next" button.



2.7 Select the direction of the Moving panel and click the "Next" button.



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



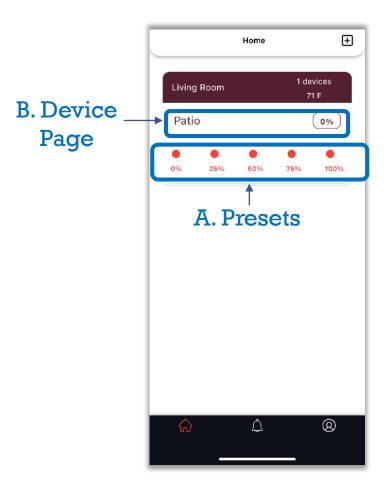
△ WARNING

DO NOT TOUCH DOOR/ WINDOW DURING THIS PROCESS.

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

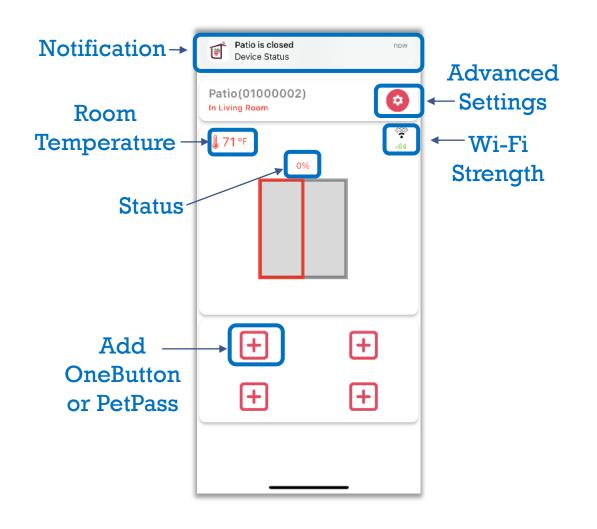
Keep children and pets away during the process. This can cause severe injury or death.

2.10 SmartSlydr is ready to slide.



- 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.



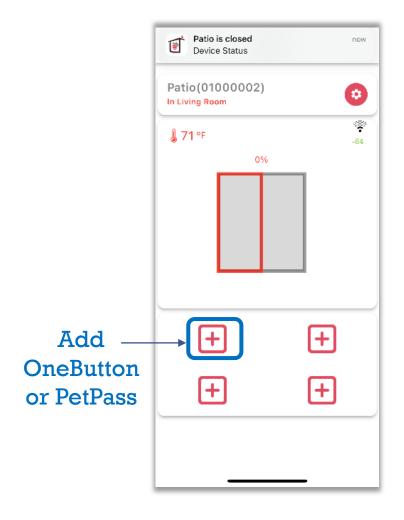
• If your Wi-Fi strength is between -75 to -90, please try to place your Wi-Fi router nearby to SmartSlydr or try upgrading your network for the best experience.

THANK YOU!

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

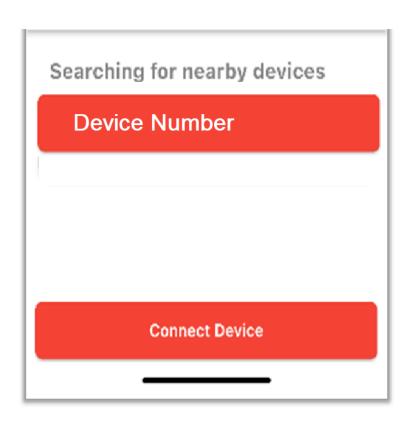
You can continue with next steps to add PetPass/OneButton.

2.12 PetPass/OneButton Set Up.



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

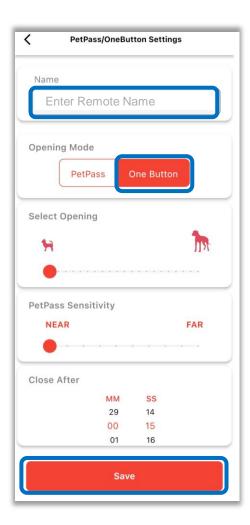
2.13 Pair as the OneButton or PetPass.



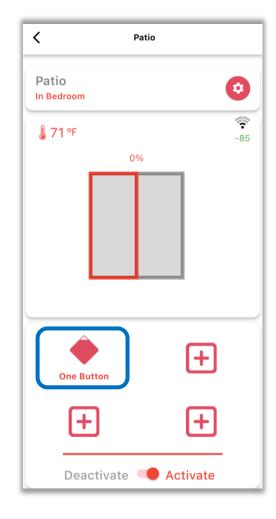
- Turn on Bluetooth.
- Press the physical Tag to turn it on. You can see the blinking light. (If the light doesn't turn on, long-press the button until you see a light then leave the button to power off. Press the button again to power it on.)
- Tag will show up on the app screen. Click the "Connect 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

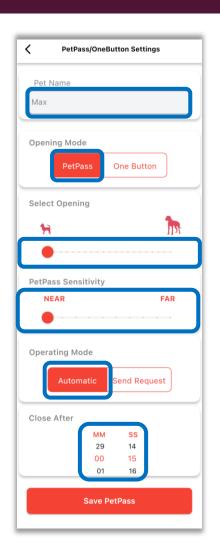


- 1. Enter the name of the One Button.
- 2. Select the One Button.
- 3. Please ignore the PetPass settings those are required for PetPass mode only.
- 4. Click "Save".
- 5. Wait for 30 secs to get One Button synchronized with SmartSlydr.
- 6. Press the Button and SmartSlydr should start moving.

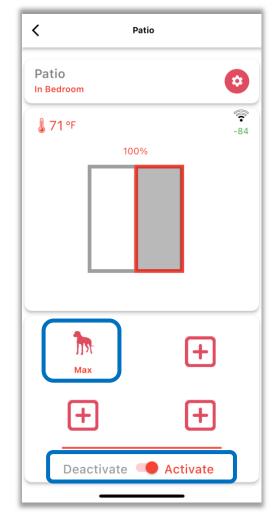


2.15 Pair as the PetPass.

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

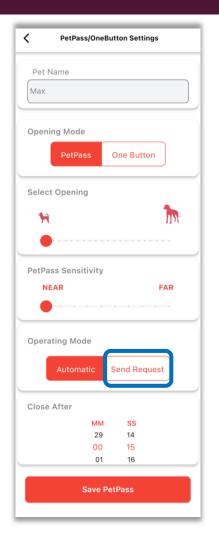


- 1. Enter the name of the Pet.
- 2. Select the operating mode "PetPass".
- 3. Select the door opening for the Pet size.
- 4. Select Sensitivity, we recommend starting with 6. Near means, PetPass will open the SmartSlydr from near distance only. Adjust the value accordingly based on the few days of experience.
- 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



2.15.2 How PetPass works?

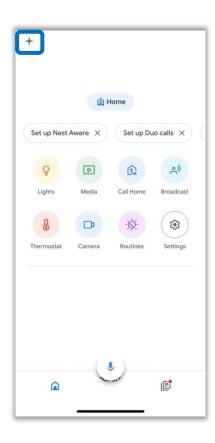
- SmartSlydr uses wireless communication to ensure proper operation is as accurate as possible, but the technology has limitations. Your SmartSlydr is more likely to accurately detect the PetPass if there is less disturbance from the other wireless devices in your home.
- When the Pet goes near the attached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

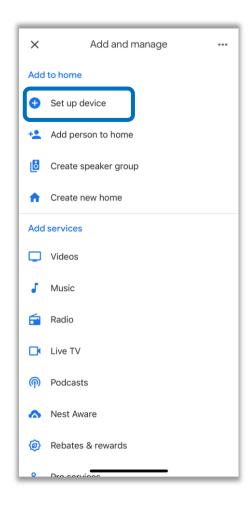
Please refer to the advanced guide at

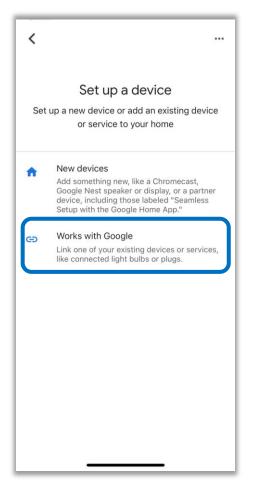
https://lycheethings.com/support/SS_SmartHome_Setup.pdf

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".

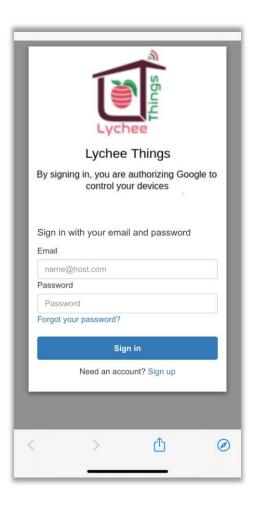




3.3 Click on the search icon [©]C. ". Enter "SmartSlydr" and select it.

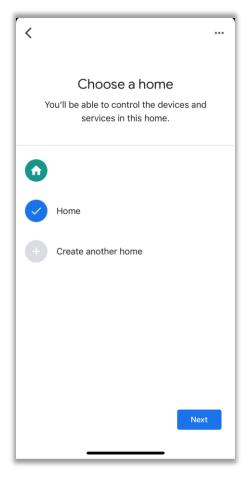


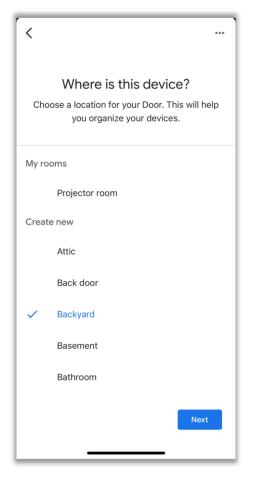
3.4 Sign in with your Lychee Things Email and Password.



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.

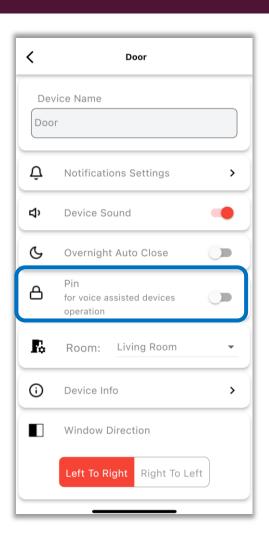
Ok Google, Open <Device Name>!

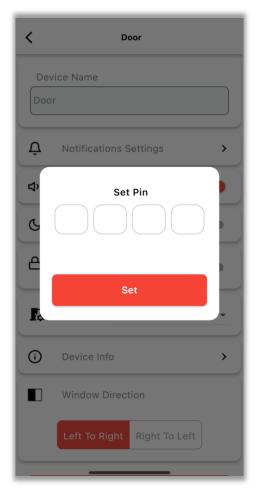
Hey Google, Set "Door" to 60%!

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.





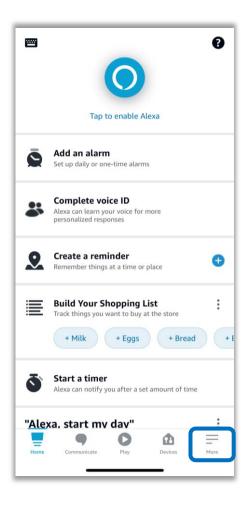




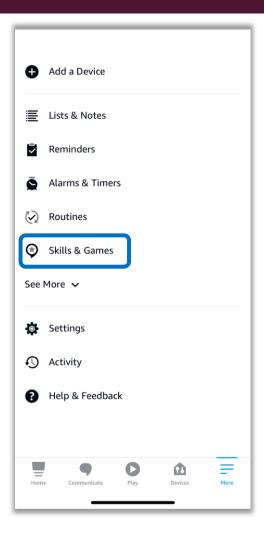
SECTION 4 SMARTSLYDR ALEXA SETUP

Please refer to the advanced guide at https://lycheethings.com/support/SS SmartHome Setup.pdf

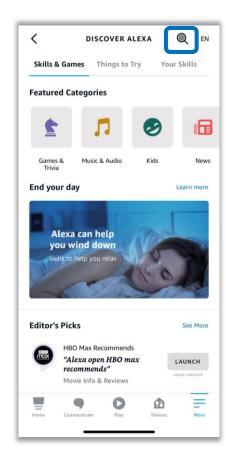
4.1 Open the Amazon Alexa application. Click on the "More" located at bottom right.

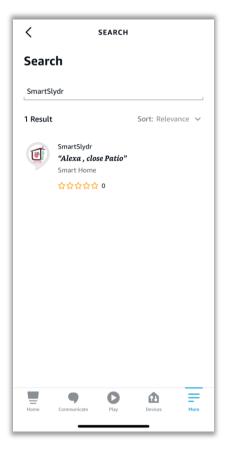


4.2 Click on the "Skills & Games".

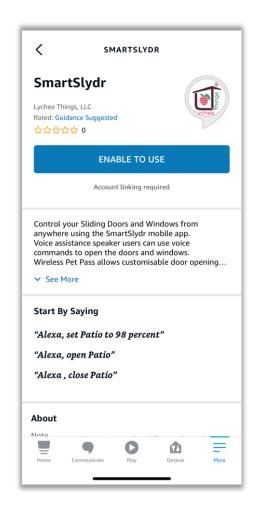


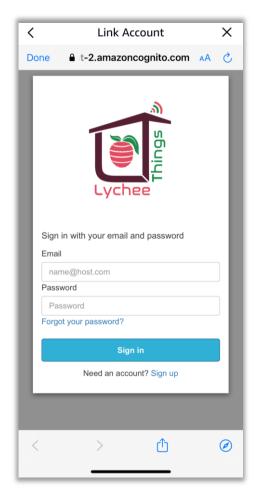
4.3 Click on the search icon © ". Enter "SmartSlydr" and select the skill.



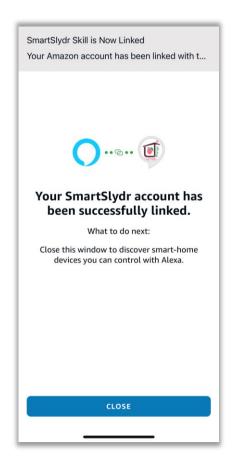


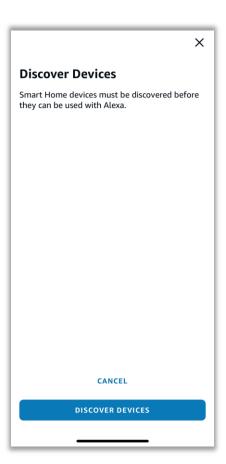
4.4 Click on "Enable To Use" and sign in with your Lychee Things Email and Password.



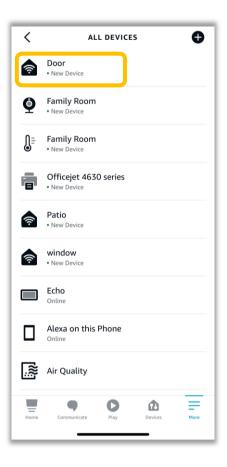


4.5 You will see the message for the successful linking of the SmartSlydr. Click the "Discover Devices" to use it with Alexa.





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>!

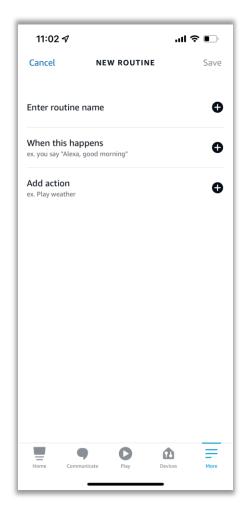
Alexa, Set "Door" to 60%!

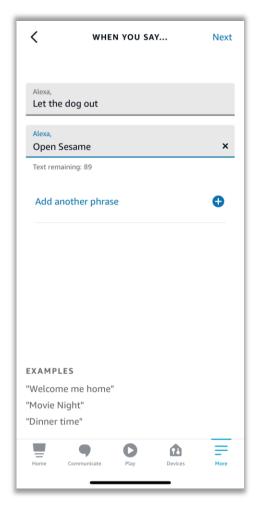
Alexa, Close the "Window"!

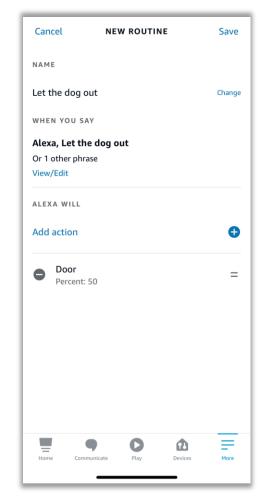
Alexa, What is the "Patio" status?

4.8 Set your favorite phrase to operate the SmartSlydr.





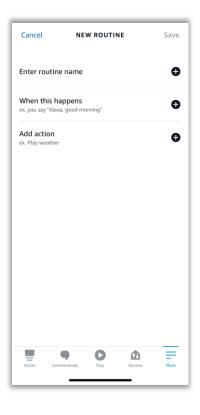


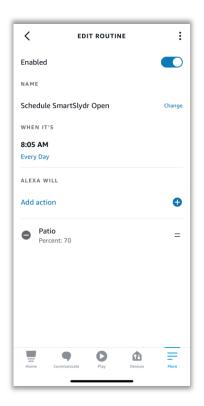


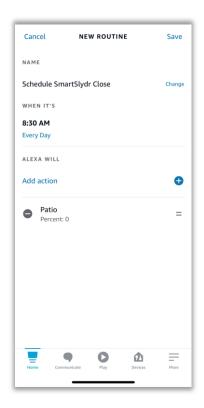
SECTION 5(A) SCHEDULE OPERATION (Door Open/Close)

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.





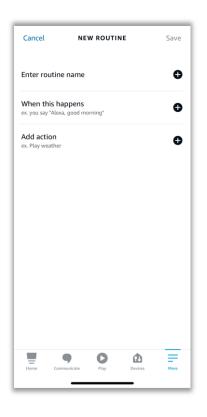


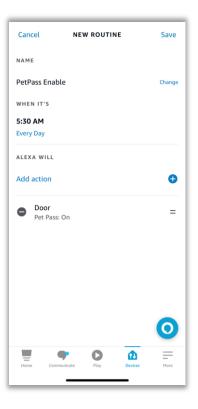


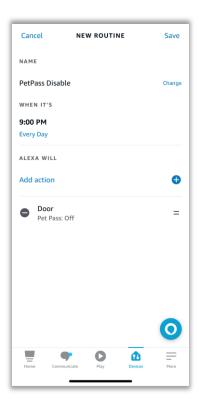
SECTION 5(B) SCHEDULE OPERATION (PetPass Enable/Disable)

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

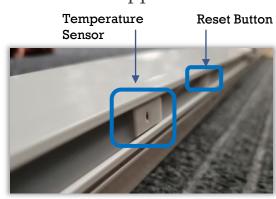
A. SmartSlydr device not found in the application.

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.



- 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.

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.



- 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.





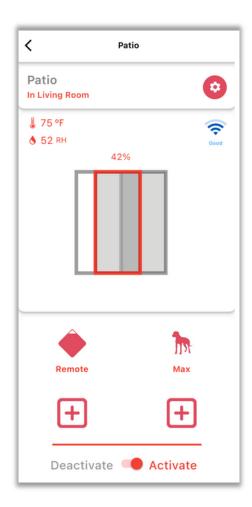
G. Device is showing Offline in the mobile app, what should I do?

- 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.



PETPASS DEBUG MODE

- Go to the PetPass settings on your app. Locate the PetPass debug button and click on it.
- Make sure that sound is not disabled from the app settings page.
- While in debug mode, wiggle the tag slightly to ensure it is functioning properly.
- Once you enable the "Debug Petpass" button, SmartSlydr will start making sounds to indicate if the PetPass is recognized and how far or close it is.
- If you hear three fast beeps, it means that the PetPass is within opening range. If the beeps are from further away, you should decrease the sensitivity.
- If you hear two beeps, it means that the PetPass is closer but not in opening range. If you don't hear three beeps even when the PetPass is closer, you should increase the sensitivity.
- If you hear one beep or no beep at all, it means that the PetPass is far enough to trigger the opening again if the tag stays in that range or further away for a few seconds after the door closes.
- If the PetPass is very nearby to the antenna and still there is no sound, it means that the Petpass is out of sync and needs to pair again. Just wiggle the tag to make sure there is still no beep sounds at all.
- Please note that the debug sound will be automatically turned off after 60 beeps on its own.
- This debug setting is for each PetPass. Please debug the PetPass one at a time to isolate the issue with the specific PetPass.

HOW TO REPLACE PETPASS TAG BATTERY?

- When you press the button on tag, and if the light is blinking rapidly multiple times then stops within 2 secs, you might need to replace batteries (CR2032) in the Tags.
- To replace the battery, gently rotate the button anti-clock wise to open the cover. Remove the 2 small screws to replace the battery on the back side of the circuit.
- Refer the video instruction. https://youtu.be/gzJomRU0whI