Installers & User guide
Deadbolt 2S Metal Grey.

igloohome

Welcome!

This guide will get you up and running with your igloohome Deadbolt 2S Metal Grey. In the meantime, you should follow igloohome on Facebook and Youtube!

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Visit our Youtube

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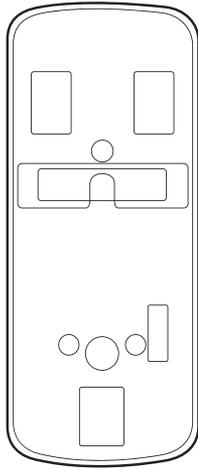
Back Assembly Rubber Gasket
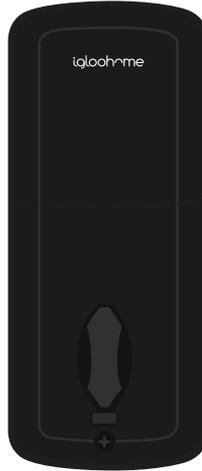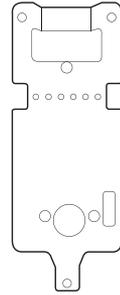
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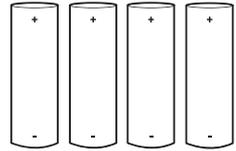
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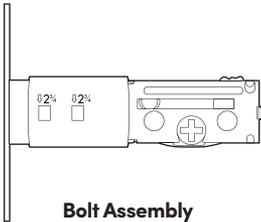
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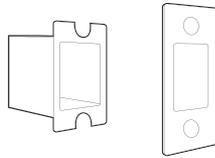
Strike Plate Housing & Strike Plate

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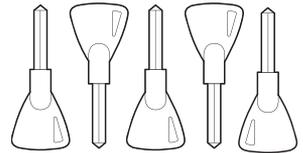
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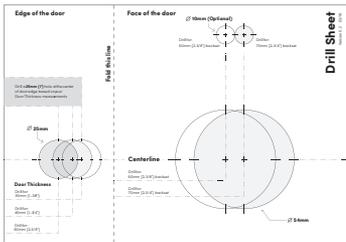
Drill Sheet

5mm (0.019″) Bolt Screw x2

8mm (0.03″) Bolt Screw x2
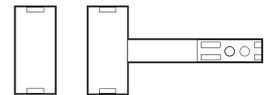
Door Sensor & Magnet
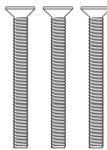
43mm (1.69″) Bolt Screw x3
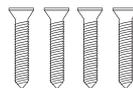
15mm (0.59″) Wood Screw x4

20mm (0.78″) Bolt Screw

Specifications

Model	igloohome Smart Deadbolt 2S Metal Grey
Battery Type	4 x AA* Alkaline
Battery Life	Up to 1 Year
Emergency Power	9V Alkaline Battery
Operation Temp	–20°C to 50°C
Storage Temp	–30°C to 60°C
IP Rating	IP65
Material	Al, Zinc Alloy, ABS
Weight	Net: 450g, Gross: 550g
Unlock Mechanism	Bluetooth, PIN code, Physical Keys, Thumbturn

Front · **Side** · **Back**

145mm (5.70") · 60mm (2.36") · 11mm (0.43") · 30mm (1.18") · 65mm (2.55") · 160mm (6.29")
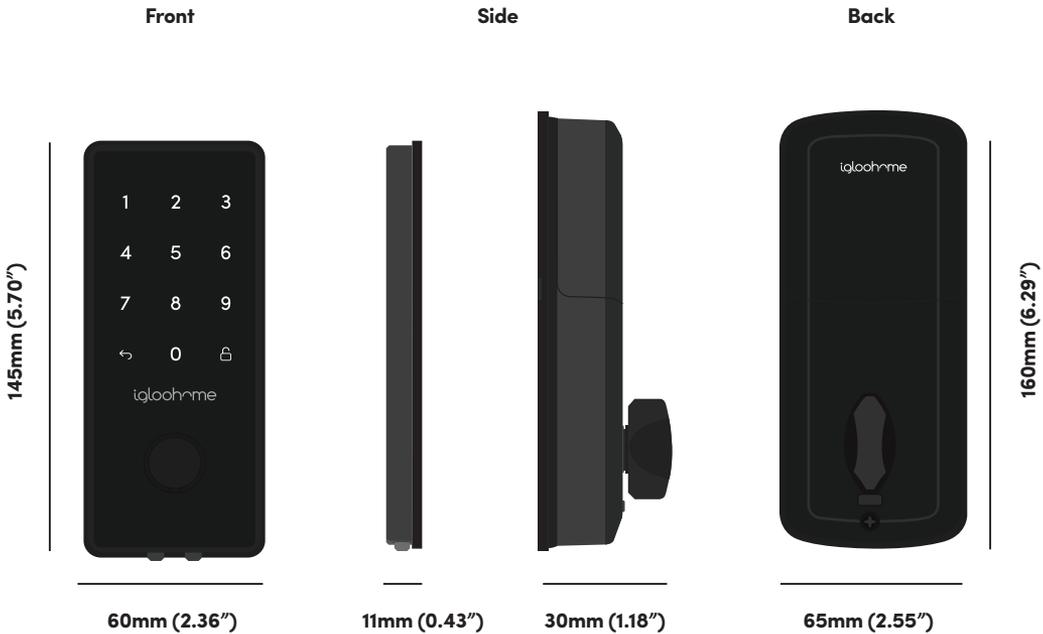
* DO NOT USE: Heavy Duty, Eveready, GP, or rechargeable batteries. Please note that using recommended battery brands such as Panasonic, Duracell, or Energizer will improve the performance and lifespan of the lock.

Installation Guide

Requirements

Door Thickness

Clearance

160mm (6.29")

145mm (5.70")
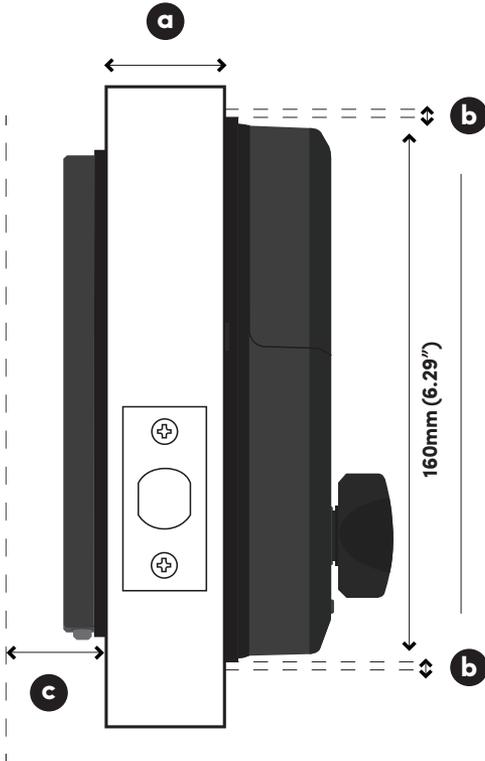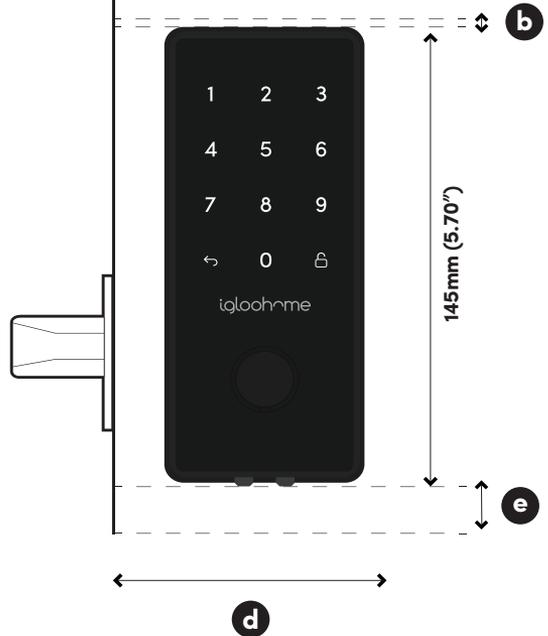
Measurements

a   35mm (1.37") to 60mm (2.36")

b   10mm (0.39")

c   20mm (0.78")

d   >110mm (4.33") for 60mm (2.36") / >120mm (4.72") for 70mm (2.75") backset

e   50mm (1.96")

Prepare Door for Installation

Items needed:
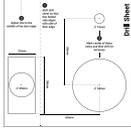
|			
Drill Sheet	**Drill**	**10mm (0.39″) Drill Bit**	**54mm (2.12″) Hole Saw**
#2 Phillips Screw Driver	**25mm (0.98″) Spade Bit**	**20mm (0.78″) Chisel**	**Hammer**
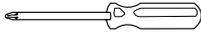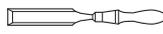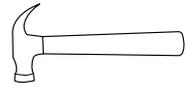
Recommended
Door and door frame material : **Wood**

Recommended
Gap between door and door frame: **<3mm (0.01″)**
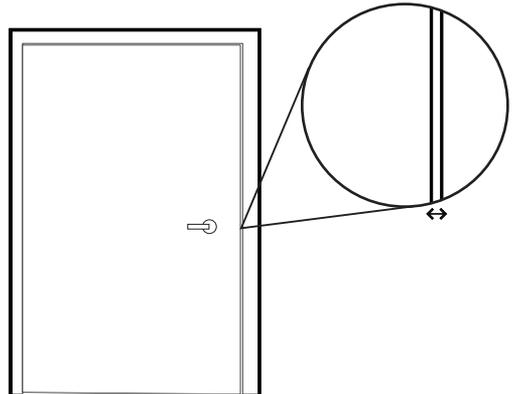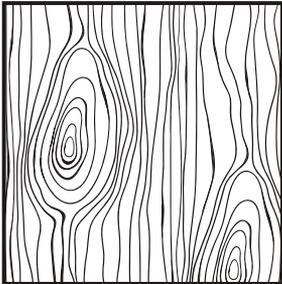
⚠ Please ensure that there is an existing handle on your door for push – pull access.
Not for: metal gates, glass doors or sliding doors.
If you are unsure if your door is suitable, send us web links to your door pictures to *info@igloohome.co*

How to use the Drill Sheet

Drilling (Door)

1

Fold here before drilling holes for side

10mm (0.39″) Drill Bit

54mm (2.12″) Hole Saw

54mm (2.12″)

2

Make sure this is aligned to the centre of door edge

25mm (0.98″) Spade Bit

Door edge

Chiselling

Put the bolt tongue in & chisel around the edge

20mm (0.78″) Chisel

54mm (2.12″) Deep

25mm (0.98″)

57mm (2.25″)

20mm (0.78″) Chisel
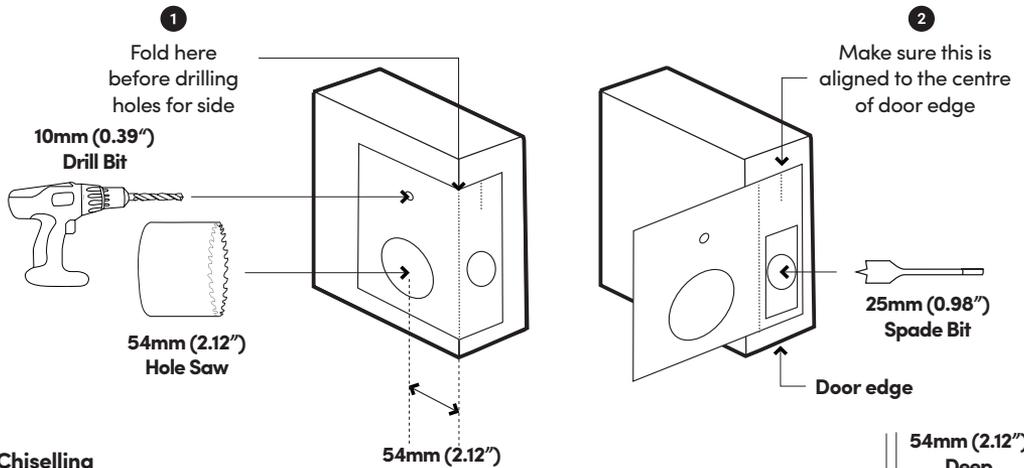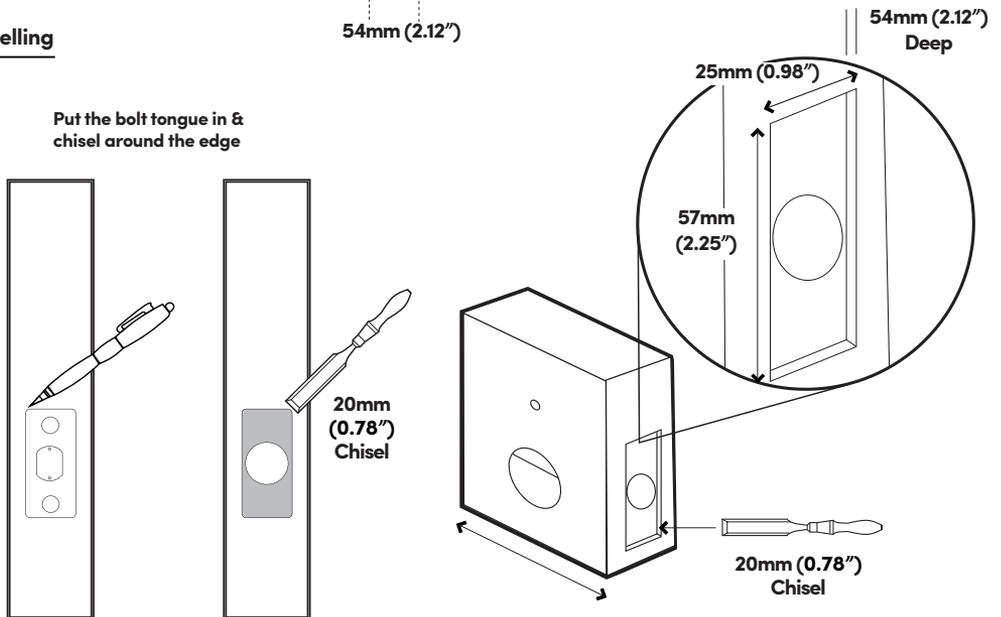
⚠ Mark the center of the holes and then drill for accuracy.

Prepare Lock For Installation

1   **Set Back Assembly for Left / Right Hand Installation**

Left Hand Installation

Set the toggle to '**LH**' for left–hand installation

* Hinge is on your left.

Hinge

Outside

LH

RH
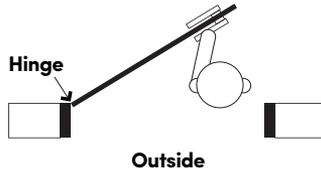
Right Hand Installation

Set the toggle to '**RH**' for right–hand installation

* Hinge is on your right.

Hinge

Outside
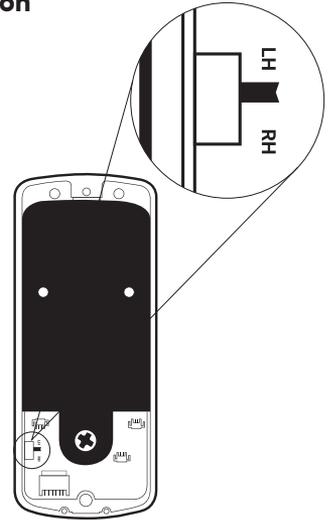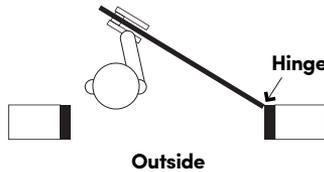
2   **Remove Battery Cover from the Back Assembly**

Top View of Battery Cover

Press the button on the top of the battery cover, and pull outwards.

igloohome
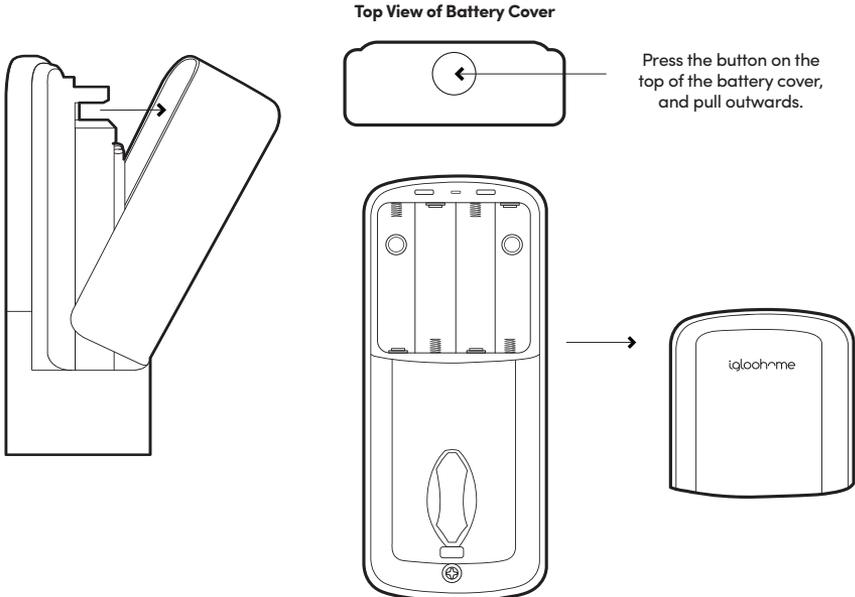
Installation Instructions

1   **Measure**

If you are replacing your current deadbolt lock, industry standards are 60mm (2.36") or 70mm (2.75") backset. To determine which backset length you should use, so measure the distance (x) between the center of 54mm (2.12") hole to door edge.

54mm (2.12") Hole

X
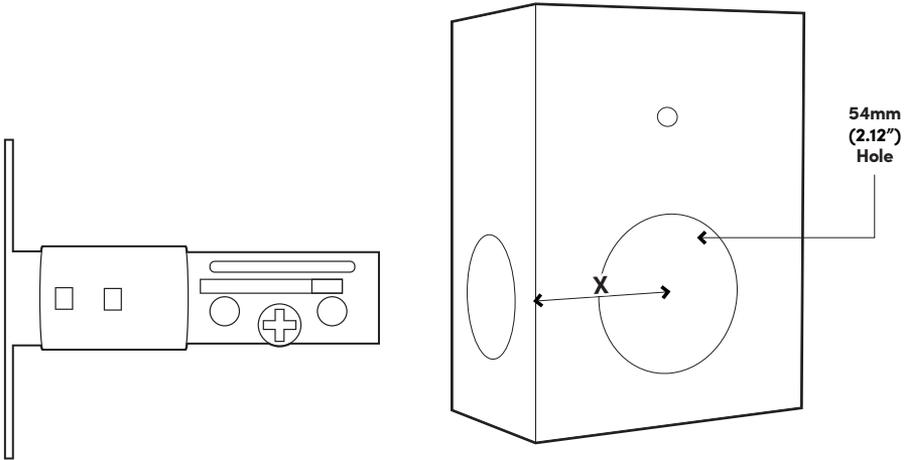
Prepare bolt assembly based on the distance (x)

Bolt ships with bolt assembly in 60mm (2.36") position. If required, twist the bolt and pull to extend (simultaneously) to 70mm (2.75") backset position.

1   Twist upwards

2   Pull

3   Twist downwards to lock backset position
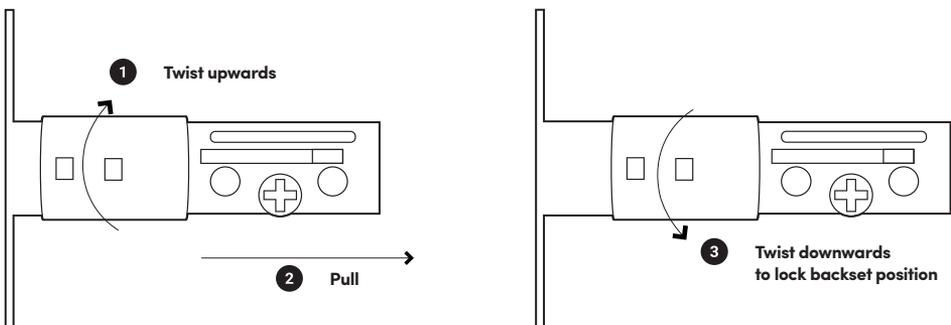
2   Insert bolt and front assembly into door edge

The '+ ' hole on the backset should be in the middle of the hole.

Screw Holder

Screws
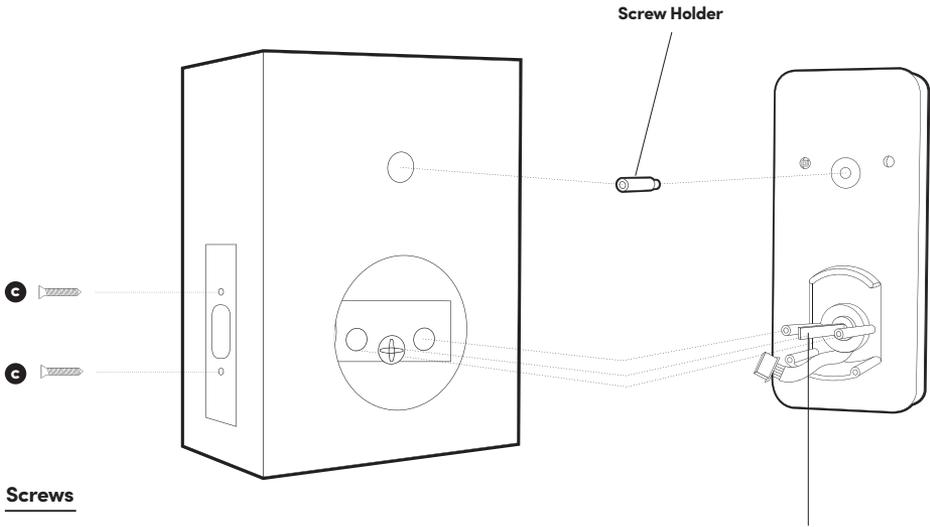
C   15mm (0.59")

⚠ Please ensure that tailpiece is in vertical position.

3   Measure and cut the tailpiece if necessary

After inserting the tailpiece, measure the distance of protrusion from the door.
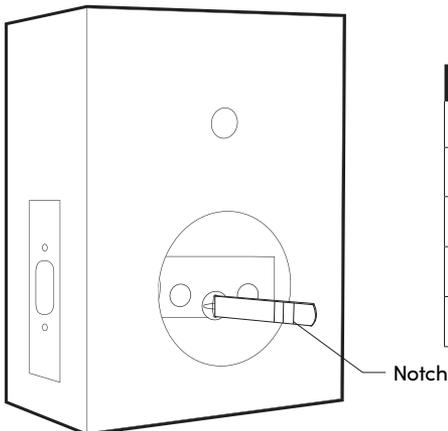
Door thickness (mm)	No. of notch to cut
60	0
55	1
45	2
40	3
35	4

Notch

⚠ The recommended tailpiece protrusion from the door is 15mm (0.6").

4 **Secure the Front Assembly using the Back Plate.**

To do this, place the Back Plate (ensuring the correct side placement).

Follow this orientation

Screws

d 43mm (1.69")
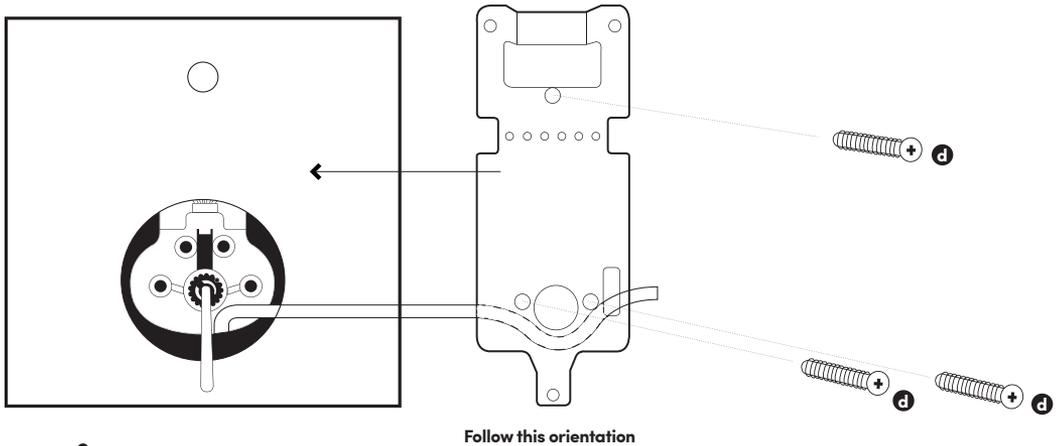
**5** **Door Sensor Installation**

Adjust the position of the door sensor according to the door handling (left or right hand installation). Use the 2 x 5mm (0.19") screws to secure the door sensor to the back plate.

Right-hand Installation

⚠ Do not overtighten the screws

Left-hand Installation

**Screws**

e 5mm (0.19")
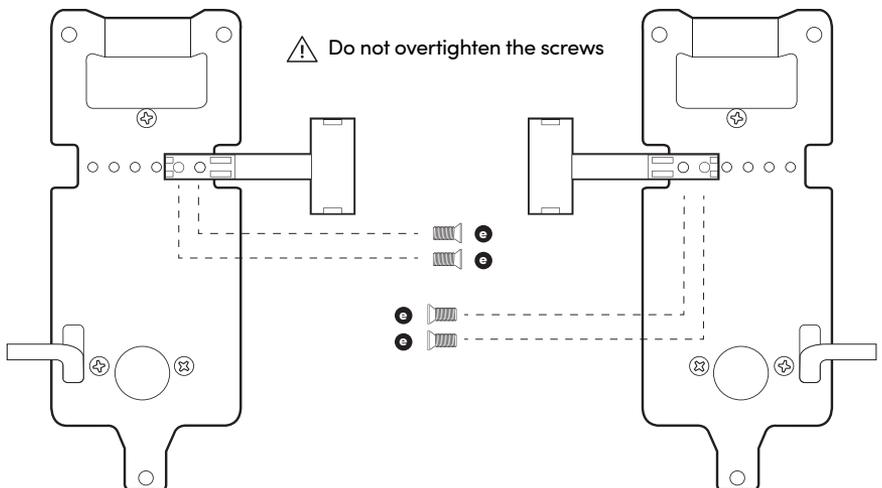
6 Fit in the Rubber Gasket

Insert the front assembly cable through the rectangular hole on the rubber gasket.
The hole should be on the right side of the rubber gasket.

Door Sensor Cable
goes through the
arched hole on the
Rubber Gasket
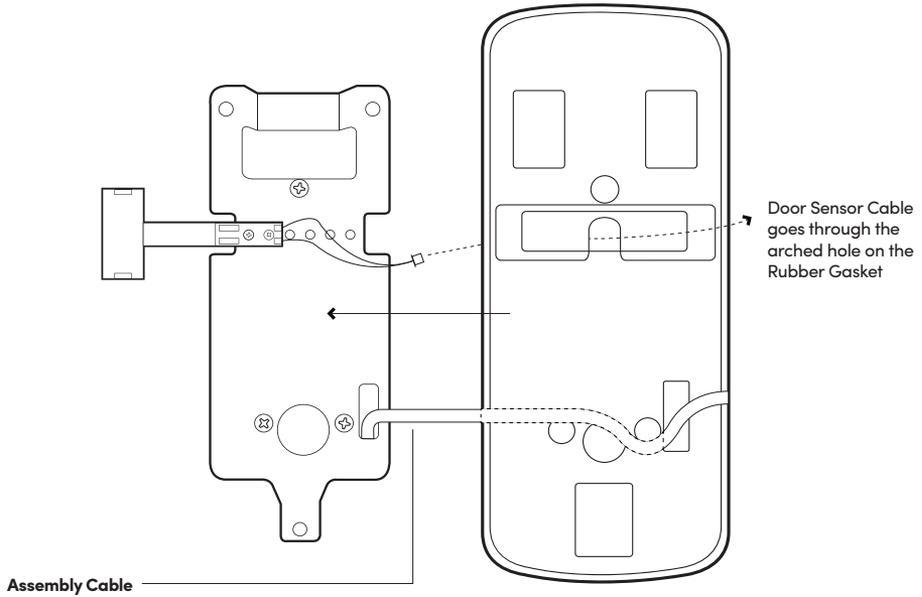
Assembly Cable
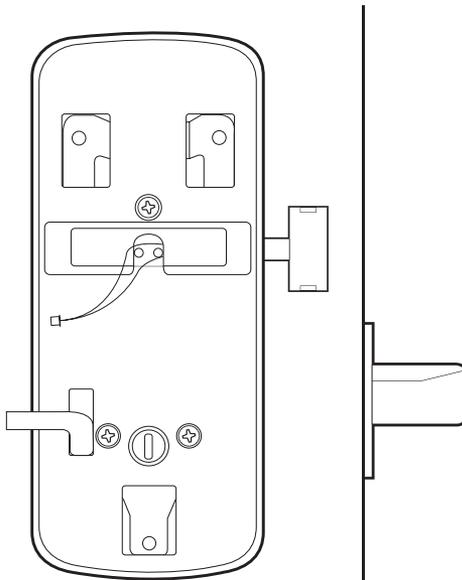
Right-hand Installation   **Left-hand Installation**
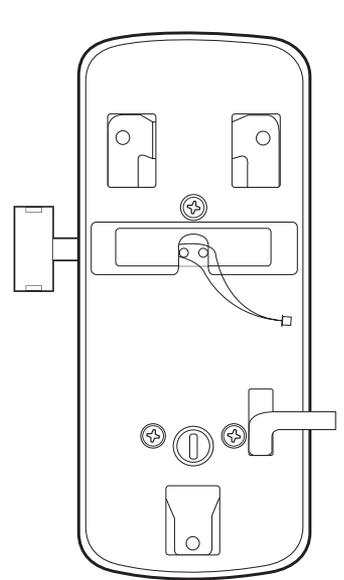
7 Connect Assembly Cable

Connect the sensor cable to the Back Assembly then connect the assembly cable from the Front assembly through the 54mm (2.12") hole to the Back Assembly. Ensure that the wire is installed properly and securely.

Door Sensor Cable

Assembly Cable
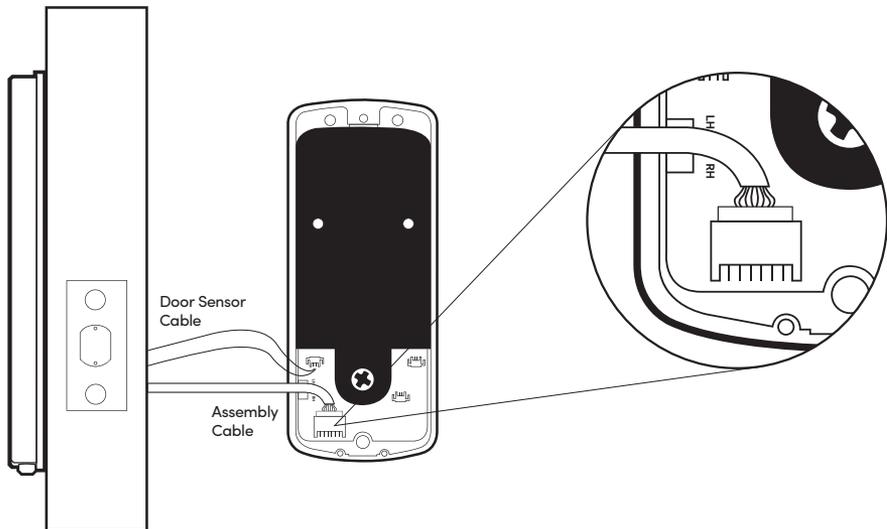
8 Fit Back Assembly to the Door Tailpiece

Ensure thumbturn position is turned to 'unlock' position.

Right-hand Installation

Left-hand Installation

Thumbturn is in vertical position
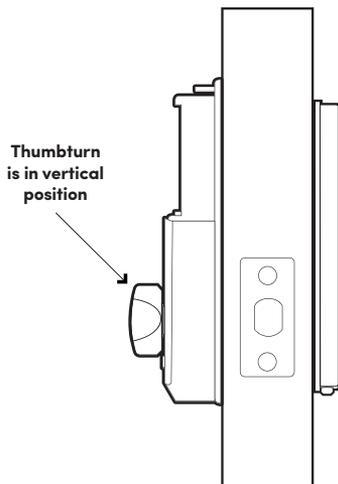
Thumbturn is in horizontal position
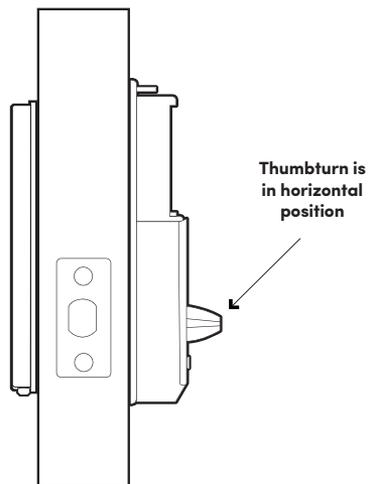
9 **Secure the Back Assembly**

⚠ Do not overtighten the screws

Screws

a	8mm (0.31″)	▨▥▥▥
b	20mm (0.78″)	▨▥▥▥▥▥▥▥▥
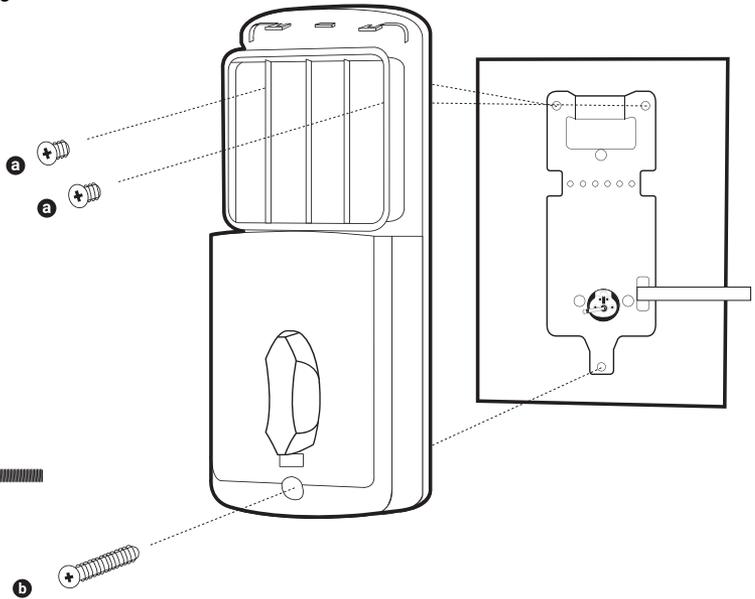
10 **Insert 4 AA Alkaline Batteries and push the battery case lid inwards to close**

Side View
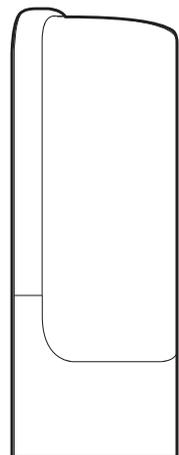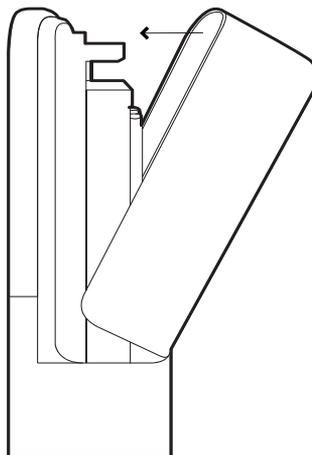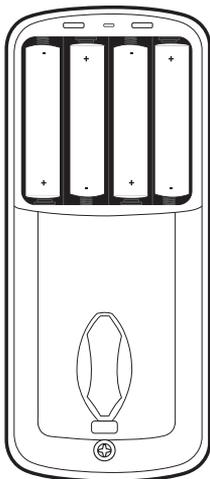
Test Lock

Place hand over your lock to activate touchpad and hold 'Unlock' icon to lock.

| 1 | 2 | 3 |
4	5	6
7	8	9
↩	0	🔓
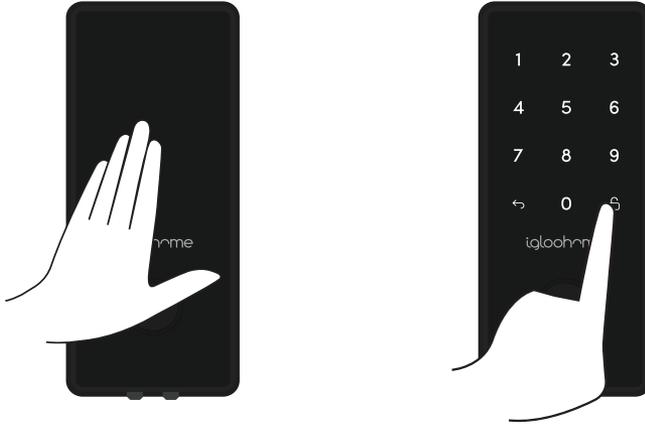
Does your bolt lock?

Yes

**Congrats!
Your lock is correctly installed.
Proceed to next steps.**

No

**Bummer!
Does the bolt lock and unlock
when you turn the thumbturn?**

Yes

**Left-Right toggle
incorrectly set**

Troubleshoot: Try Setting the
left-right toggle on your back
assembly to the correct side.
(See Pg. 10)

LH ←→ RH

No

**Tailpiece and/or thumbturn
incorrectly set**

Troubleshoot: Dissemble lock
and install it again.

Still experiencing issues?
Go to *igloohome.co/support* for more help

Prepare the Door Frame

1 Ensure to align the lock to the door frame and mark it down.

2 Mark out where the bolt tongue locks then drill a corresponding hole on door frame. Chisel to fit the strike plate in as well.

Door Frame

25mm (0.98") Spade Bit

Mark & Drill Hole

Same height

20mm (0.78") Chisel

26mm (1.02")

58mm (2.28")
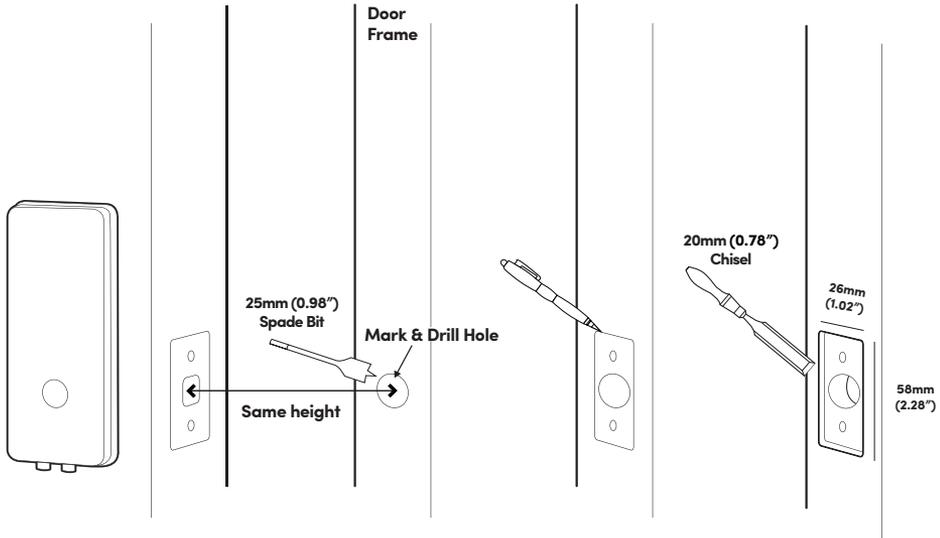
3 Secure strike plate housing and strike plate using 2x 25mm (0.98") wood screws.

4 Paste the magnet opposite the door sensor.

1mm (0.0039")

Door Sensor Magnet

Door Sensor
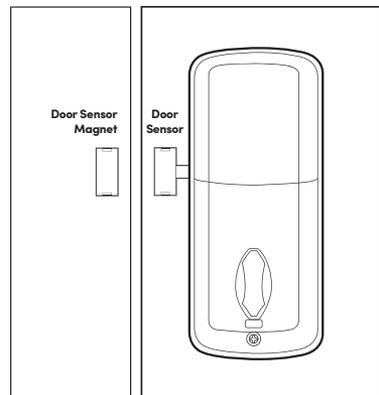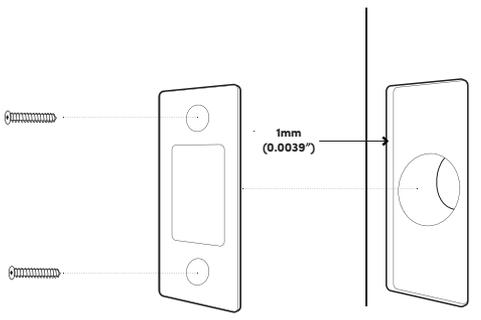
User Guide
Lock Anatomy

Front & Back Assembly

Touch Screen Keypad

Unlock

Key hole Cover (Remove cover to access physical key unlock)

9V Jumpstart

Clear

Battery Cover Release

Battery Cover

Thumbturn

Multi-Function Button
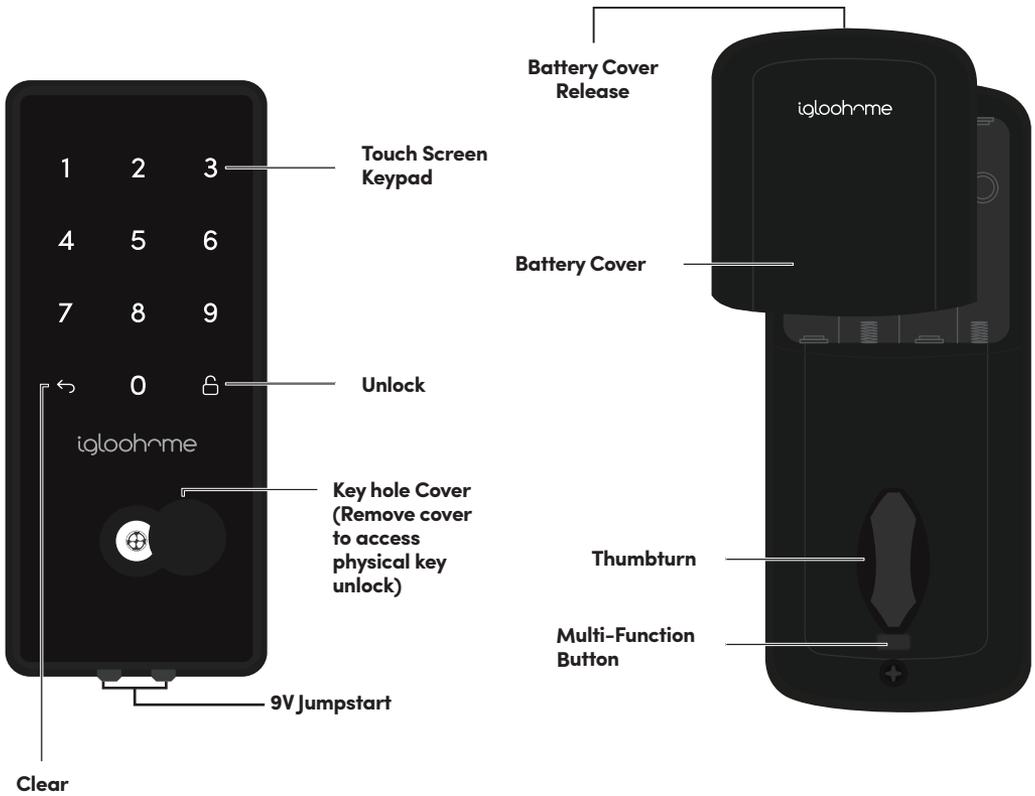
Features

PIN / Bluetooth Unlock

Master PIN Code

The igloohome Deadbolt 2S unlocks with a permanent Master PIN Code.

Bluetooth Master Key

The igloohome Deadbolt 2S unlocks with Bluetooth via the app.

User PIN Code

The igloohome mobile app can generate multiple types of User Pin codes, e.g. One-Time, Permanent & Duration.

Bluetooth Guest Key

The igloohome mobile app can generate and share Bluetooth keys (based on duration with guests to unlock the Deadbolt 2S.

Lock

Auto Re-lock

The Deadbolt 2S relocks automatically when door is closed. User can configure the delay or deactivate relock if they prefer to. Do note that function will only work when Sensor is installed.

Manual Locking

Hold the 'Unlock' button for 1 second to manually lock the Deadbolt 2S.

Battery

Emergency Jump-Start

If battery power is drained, an external 9 Volt battery can be used to provide emergency power. The 2 contact points of the battery must be aligned with the 2 contact points on the Deadbolt 2S for 2 seconds.

Features

Security / Alarms

Keypad Security Lockout

Be assured with an additional layer of security with the keypad lockout if the keypad is being tampered. User can configure number of incorrect attempts to trigger lockout.

Activity Logs

Entry via PIN codes and Bluetooth Key will be logged in the app.

Bluetooth key access logs are updated in real-time and PIN code access logs are updated when the owner uses a bluetooth key or update logs.

Keypad Disabled Mode

Disable the keypad to prevent PIN code entry from outside via the Multi Function Button.

Tamper Alarm

The lock will sound if intruders try to pry the lock from the door.

Masking Security Code

Enter up to 8 digits before your PIN Code to reduce risk of intruders checking fingerprints.

Passage Mode

Activate Passage mode via the Multi Function Button or turning auto relock off via Bluetooth. Refer to Page 25.

Unlocking & Locking

PIN Code

igloohome App
Bluetooth
Basic Unlock

igloohome App
Bluetooth
Guest Key

Thumbturn
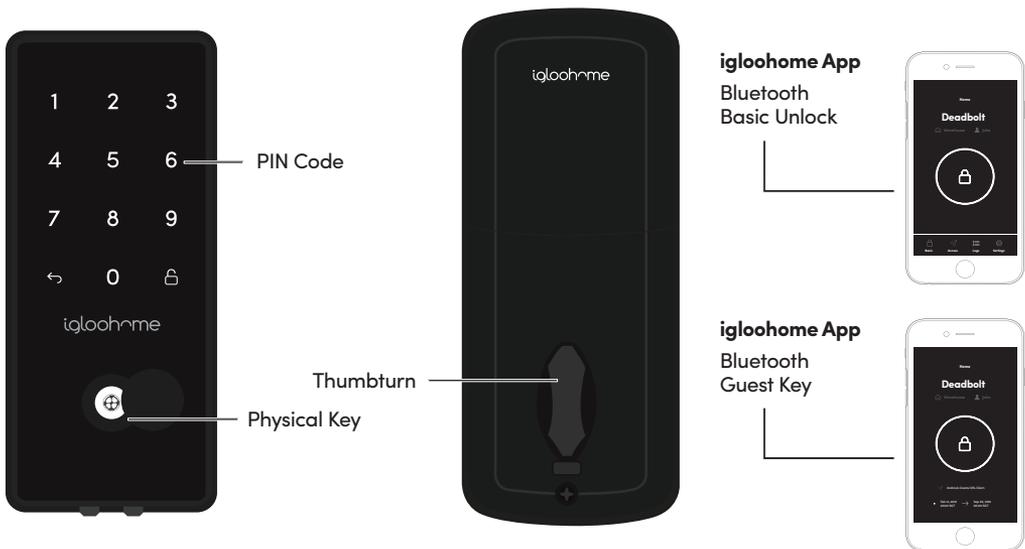
Physical Key

Unlocking

PIN Code
Key in your PIN code and press 'Unlock' icon

Bluetooth Basic Unlock
On your app, click on the Bluetooth Unlock button and tap on your lock

Thumbturn
Use thumbturn at the back of lock

Bluetooth Guest Key
Refer to page 23

Physical Key
Use the physical key to unlock the door

Locking

'Unlock' Key
Press and hold 'Unlock'

Auto Re-Lock
Works only with the Re-lock Sensor

Physical Key
Use the physical key to lock the door

Thumbturn
Use thumbturn at the back of lock

App Onboarding

1 Test Factory PIN Unlock

In the factory mode (before pairing), the PIN to unlock is ↰**1234567890** 🔓

2 Register as a Lock User

a) Download igloohome from App store / Play store.

b) Create an account and login.

3 Pairing

a) Select **[Add new igloohome lock]**

Note: For existing users with other paired locks, go to **[Configuration]**, select **[Add Locks]** and follow the instructions.

4 Setting Master PIN code

Before proceeding, turn on your Bluetooth and ensure that you are within Bluetooth range of the lock.

Go to **[Access]** and customize your **[Master PIN]** by editing it.

Managing Access in App

(1) Creating PIN codes

PIN codes can be generated on the app under **[Access]**, create **[+Access]** and choose either One-Time, Permanent or Duration PIN.

Pin codes will expire if its not use within its activation period. Refer to the table below.

PIN Type	Use PIN within*
One-Time PIN	24 hrs of generation
Permanent PIN	24hrs of generation
Duration PIN	24hrs from the start time

Note: Duration PIN code end times can be customised within a 28-day timeframe. Past this timeframe, the end time will automatically be configured to the start time.

(2) Bluetooth Guest Key

Bluetooth Guest Key can be shared with other users for mobile access. It allows your guests to unlock the igloohome smart lock via Bluetooth.

There are 3 steps to using a Shared Bluetooth Key

1.   Under **[Access]**, create **[+Access]** and choose **[Bluetooth Key]** under **[Access Type]**. Proceed to share the key after it is created.

2.   Guest receives the Bluetooth Key by one of these methods:
- Clicking the URL given and follow the instructions.
- Claiming Bluetooth Key under **[Configuration]**.

3.   Guest can now use the Bluetooth Key under the Guest Bluetooth Key Section whenever he/she is within range of the lock.

Notes:
- The owner can revoke the Bluetooth Key in App.
- Bluetooth Key must be accepted within 1 hour of generation before it expires.

Lock Behaviour

1 **Keypad Security Lockout**

After several incorrect PIN code attempts, the igloohome Smart Deadbolt 2S keypad will be locked out and the security alarm will be triggered.

Note: Physical key and Bluetooth Unlock can be used to unlock in this mode.

	Keypad Security Lockout
Triggered by	5 consecutive PIN Code attempts by default (Configurable via Bluetooth)
Disable By	After 1 / 5 / 10 Minutes or Any other unlocking methods
Behaviour	Single flash when keypad is triggered.
Duration	Please refer to table below.

Triggered	Security Alarm	Keypad Lockout
1st Time	30 Sec	1 Min
2nd Time	60 Sec	5 Min
3rd and Consecutive Time	90 Sec	10 Min

2   # Keypad Disabled Mode

Keypad Disabled Mode prevents others from using PIN code to unlock when you are inside the property.

Note: Physical key, Bluetooth key & Thumbturn can be used to unlock in this mode and the Keypad will be enabled after successfully unlocked.

3   # Passage Mode

Passage Mode enables you to have easy access during high human traffic flow by deactivating auto relock.

Method 1: Turn off auto relock under lock settings via Bluetooth
Method 2: Holding on to the Multi-Function Button

	Keypad Disabled Mode & Passage Mode
Activated by	Holding on to the Multi-Function Button until a long beep is heard.
Deactivated By	Holding on to the Multi-Function Button until 2 quick beeps are heard or Any other unlocking methods
Behaviour	Double flash when keypad is triggered.

9V Jumpstart

1 9V Jumpstart Feature

1. Touch and hold the battery contacts against the 9V jumpstart pin on the lock and you will hear a series of beeps and the keypad will light up.

2. While holding the 9V battery to the jumpstart, key in your PIN code on the keypad followed by the 'Unlock' icon
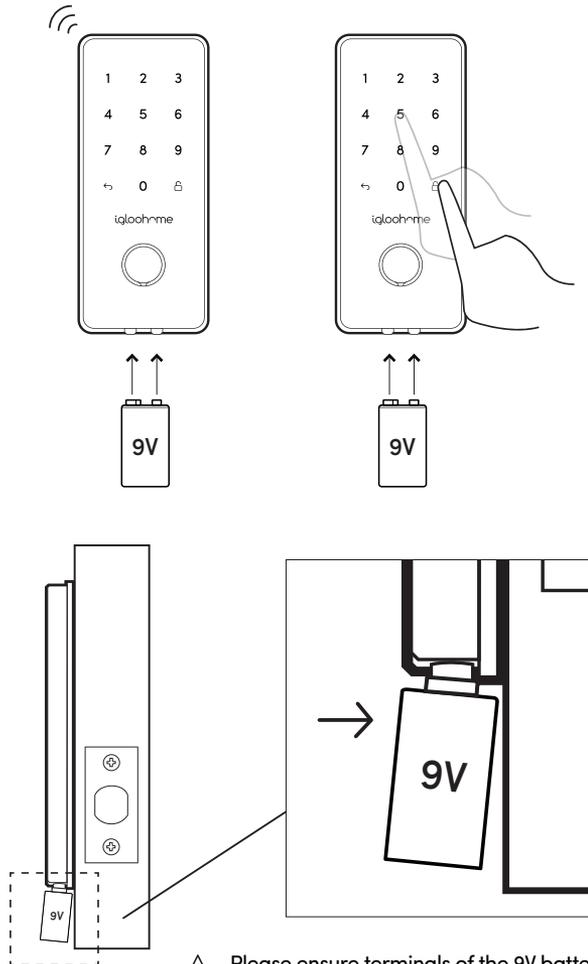
⚠ Please ensure terminals of the 9V battery are in contact with the Jump Start contact points of the lock for **2 seconds** to activate your Deadbolt 2S.

Airbnb Connect

1 **Airbnb Connect**

Airbnb Connect automates the generation of PIN codes for your Airbnb guests based on their approved reservations. It costs USD$4.99 per month, but is currently on free trial.

Here are the steps to activate Airbnb Connect

Step 1: Connect to your Airbnb

Under **[Account Settings]**, select **[Connect with Airbnb]**

Step 2: Connect to Airbnb listings

Under **[Reservations]**, click the **[Add]** icon to select a home to connect to.
Select Airbnb Listing and PIN Time to associate.

Note:
• Emails with PIN code will be sent to the guest between 1 to 48 hours before check-in time (configurable).
• PINs will only be valid between the check-in and check-out times.

Step 3: Change Check-in and Check-out time

Under **[Configuration]**, select **[Manage Homes]** followed by the listing to view or edit its details.

Notes:
• If the access mail has not been sent, changing your check-in/check-out time via the app modifies the start and end time of the PIN codes to be shared with your guest.
• If the access mail has been sent, changing these details will only affect the next reservation.
• Changing these details on the igloohome app does not update the check-in/check-out time on the listing on the Airbnb website.

2 **Disconnect Airbnb**

Should you prefer to generate PIN codes for your guests manually, you may disconnect your Airbnb listing from the igloohome home listing with the steps below.

1. Under **[Reservations]**, disconnect all the listings (if any).

2. Under **[Account Settings]**, select **[Disconnect with Airbnb]**.

Should you wish to completely disconnect your Airbnb account from your igloohome account, make sure that all your Airbnb listings have been disconnected in the above step, then go to:

Airbnb Host Website > Connected Apps > Select igloohome to disconnect

Audio and LED indications

Actions	Indications
Bluetooth Connection	'Unlock' icon flashes Blue
Successfully Unlocked	4 fast ascending tones after unlocked
Successfully Locked	1 long beep after Deadbolt 2S is locked
Incorrect PIN	4 short beeps
Deleted PIN	3 sets of 4 short beeps
Obstruction Alarm	6 sets of 4 short beeps
Keypad Disabled Mode Activated	Very long beep
Keypad Disabled Mode Deactivated	2 short beeps
Keypad Security Lockout Alarm	Low-high siren for 30 /60 / 90 seconds
Keypad Security Lockout Deactivated	2 long beeps
Low Battery Alert	3 fast descending tones when keypad is woken up
Tamper Alarm	Keep long beep
Hard Reset / Unpair	4 slow descending tones

Troubleshoot

The lock is not responding at all.

- The lock's battery is flat.
- Use an Alkaline 9V Battery to jumpstart the lock and unlock the lock to replace the batteries once you are able to access the battery compartment.

The deadbolt keypad flashes when I activate the keypad.

- If the keypad flashes once, the Keypad Security Lockout is triggered.
- If the keypad flashes twice, the Keypad Disabled Mode is activated.
- Refer to page 24 and 25 for details.

I tried to use a 9V Battery to jump start the lock but was unable to.

- Please ensure terminals of the 9V Battery are in contact with the jump-start contact points of the lock for 2 seconds to activate the lock.
- The 9V Battery terminals must be in constant contact with the lock 9V contact pins while unlocking it with PIN code or Bluetooth.

The deadbolt is locking when it is supposed to unlock or unlock when it is supposed to lock.

- Check the LH/RH toggle and ensure that it is at the correct side.
- Refer to page 9 for details.

I have generated my PINs from the app but it doesn't work.

- Do a Bluetooth Unlock or sync and try again.
- Make sure that the generated PIN codes are activated within the activation period before it expires.

Auto Relock is not working.

- Check if the Relock Sensor is installed correctly.
- Check if Auto Relock is switched on in the mobile app.
- Check if Keypad Disabled Mode or Passage Mode is deactivated.

My lock gives a 3 descending tones every time I activate the keypad.

- The battery is low in battery.
- Unlock the lock to replace the batteries once you are able to access the battery compartment.

I can't scan the QR sticker as it's worned out.

- Use the spare QR sticker that is provided in the Deadbolt 2S box.

The lock is beeping loudly continuously and none of the functions work.

- The tamper alarm is triggered.
- Please ensure that cable between the front and back body are well connected.

For enquiries go to:
igloohome.co/support