Igloohome Smart Deadbolt 2S
Model No.: IGB4

1. Dimensions and weight

Front - Height	144.5 mm
Front - Width	60 mm
Front - Thickness	13 mm (11 mm without rubber)
Back - Height	160mm
Back - Width	64.5mm
Back - Thickness	52mm

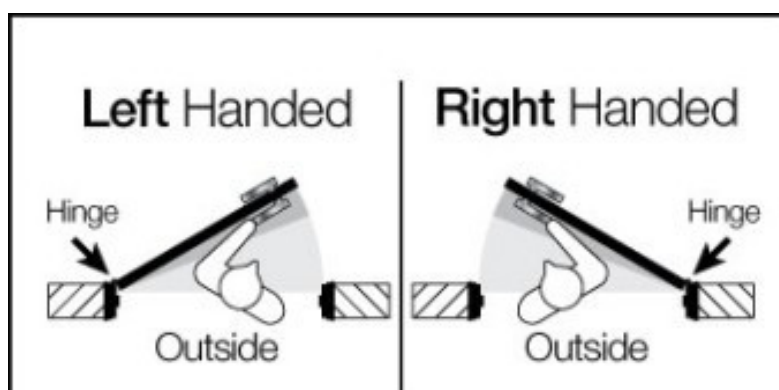| Gross	1.64 kg
Net	1.28 kg

2. Overall Design

Front:

3. Door Compatibility

Door thickness range is 35mm to 60mm	If 60mm door thickness, no need to cut tailpiece during installation. If 55mm door thickness, cut 1 notch of tailpiece. If 50mm door thickness, cut 2 notch of tailpiece. If 45mm door thickness, cut 3 notch of tailpiece. If 40mm door thickness, cut 4 notch of tailpiece. If 35mm door thickness, cut 5 notch of tailpiece.

When standing in front of the door:
- If the door lock in front of you is at the RIGHT, it is a LEFT HANDED DOOR.
- If the door lock in front of you is at the LEFT, it is a RIGHT HANDED DOOR.

Note that the LH/RH orientation does not depend on the bolt coming out direction.

4. Material:
- Body: Zinc Alloy
- Battery Compartment: ABS
- Faceplate: Acrylic

5. Environmental and Reliability
- Operating Temperature: -25 to 55 Degree Celsius
- Storage Temperature: -40 to 70 Degree Celsius
- Operating Humidity: 0 to 95% Relative Humidity (Rh)
- Dust and Water Resistance: Product must pass IP65 certification

6. Battery Life

- Battery used: 4 x AA
- Up to 1 year

7. Buttons and LED

- 12 Buttons (4 x 3)
- Keypad LED
- UNLOCK Icon

8. Audio and LED indications

Digit	1 short Beep
Unlock icon	1 short Beep
Clear icon	2 short beeps
Bluetooth connection	UNLOCK icon flashes BLUE
Successfully unlocked	A-B-C-D beeps after unlocked
Successfully locked	1 long beep after locked
Incorrect PIN	4 short beeps
Reached max no of digits (16)	4 short beeps
Keypad Disabled Mode activated	Very Long beep
Keypad Disabled Mode deactivated	2 short beeps
Keypad Security Lockout Alarm	low-high siren
Keypad Security Lockout deactivated	2 long beeps
Tamper Alarm	Keep long beep
Low Battery Alert	D-C-B beeps when keypad woken up
Obstruction Alarm	6 x 4 short beeps
Deleted PIN Alert / OTP used PIN Alert	3 x 4 short beeps
Factory Reset	D-C-B-A beeps

9. Masking PIN

- Maximum = 16 digits including masking pin

- Product will allow up to 8 masking pins before the actual PIN code (8 digits).
- Product will allow up to 9 masking pins before the actual PIN code (7 digits).
- Product will allow up to 10 masking pins before the actual PIN code (6 digits).
- Product will allow up to 11 masking pins before the actual PIN code (5 digits).
- Product will allow up to 12 masking pins before the actual PIN code (4 digits).

10. Emergency Jumpstart
- If internal batteries are fully drained or low Battery, user can use a 9V Battery to stay in contact to 2 conical contact pins (about 12mm apart) to jumpstart the product.
- When that 9V battery contacts with the 9V contact, there will be one single beep and keypad lights up for user to use any entry methods to unlock the product.

11. Tamper Alarm
- If the main cable between the front panel and back panel is disconnected, it will trigger the tamper alarm. If the cable is connected back, it will recover.

12. Manual Relock
- Hold on UNLOCK Button for one second to manual relock
- Can turn thumbturn or use physical key to physically relock

13. Auto Relock
- If Sensor Relock is ON, the lock will relock after the door is closed. If the lock is unlocked and door is kept closed, the lock will relock after 30 seconds (fixed).

14. Obstruction Alarm
- If the lock cannot be fully locked or unlocked, there will be Obstruction Alarm.

15. Hard Reset and Factory PIN
- To hard reset, user needs to hold the CLEAR button and Privacy lockout button together for 3 seconds.

- Unpaired product can be unlocked with Factory Pin code of 1234567890 (to test all buttons) followed by the Unlock Icon.

16. Connectivity
- Bluetooth 4.2 – Bluetooth Low Energy (BLE)

17. Volume Control
- Volume can be changed via Bluetooth
- 10 levels

18. Keypad Security Lockout
- Security Lockout will be triggered if Incorrect pins are attempted for a number of consecutive times.
- Keypad Security Lockout can be activated regardless of the lock status.
- User is able to Enable and disable Security Lockout via BT
- User is able to configure 1 to 10 incorrect pins (default = 5)
- When "Security Lockout" is triggered 1st time:
  - There will be siren for 30 seconds
  - Keypad will not accept any pin codes for 1 minute
- When "Security Lockout " is consecutively triggered 2nd time:
  - There will be siren for 60 seconds
  - Keypad will not accept any pin codes for 5 minutes
- When "Security Lockout" is consecutively triggered 3rd and subsequent times:
  - There will be siren for 90 seconds
  - Keypad will not accept any pin codes for 10 minutes
- If Security Lockout Attempt is changed via Bluetooth, the number of time security lockout is triggered will reset.
- Security Lockout can be deactivated by:
  - After 1 / 5 / 10 minutes (depending)
  - Any Bluetooth Unlock
  - Unlock via Physical Key
  - Unlock via Thumbturn
- When "Security Lockout" is deactivated (by any method, there will a clear Audio indicator. Refer to "Audio and LED Indications" section for details.
- During Security mode, single Flash White LED when keypad is triggered.

19. Keypad Disabled Mode

- Keypad Disabled Mode can be activated by pressing the Function button for 3 seconds and keypad will not accept any pin codes.
- Keypad Disabled Mode can be activated regardless of the lock status.
- When "Keypad Disabled Mode" is activated, there will be a clear audio indicator. During Keypad Disabled Mode, double Flash White LED when keypad is triggered.
- When "Keypad Disabled Mode" is activated, Auto Relock will not function to eliminate the case where user will get locked out if auto relock is allowed.
- Keypad Disabled Mode can be deactivated by:
    - Holding on to Function button for 2 seconds
    - Any Bluetooth Unlock
    - Unlock by Physical Key
    - Unlock by Thumbturn

20. Passage Mode

- When the lock is unlocked, Hold the Function button for 3 seconds to activate Passage mode. When passage mode is activated, lock will not relock when door is closed and keypad is disabled.

21. Access requirements

- Master BT Key
- Guest BT Key
- Master PIN
- Permanent PIN
- Duration PIN
- One Time PIN
- Recurring PIN
    - Weekly PIN
    - Monthly PIN
    - Weekday PIN
    - Weekend PIN
- Algo generated (7 to 9 digits)
- BT generated (4 to 6 digits)

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- – Reorient or relocate the receiving antenna.
- – Increase the separation between the equipment and receiver.
- – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- – Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.