

**Igloohome Smart Padlock
Model: IGP1**

1. Dimensions and weight

Body Thickness	32mm
Body Length	70mm
Body Width	55mm
Shackle Thickness	9mm
Vertical Clearance	26mm
Horizontal Clearance	24mm

Estimated product weight	450 g
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2. Overall Design



3. Packaging Content

T27 TORX screwdriver

CR2 battery

Quick Start Guide (Link to e-manual)

4. Material

- Shackle and Locking Mechanism: Hardened Steel
- Casing: Zinc Alloy
- 9V Battery cover – Rubber
- Buttons: Metal

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 IP66 certification

6. Battery Life

- Battery used: 1 x CR2
- Up to 1 year

7. Secured Battery Cover

- Battery cover can only be removed by using a Torx Security screwdriver (Recommended: T27) only when shackle is unlocked.
- Battery cover cannot be removed when shackle is locked.
- To unlock, turn the Torx cap counter-clockwise by 90 degrees. There will be clear visual indicator on the back to guide the user.



8. Buttons and LED

- 12 Buttons (4 x 3)
- Status Indicator: Red, Green, Blue
- Keypad LED

9. Audio and LED indications

Digit	1 short Beep
Unlock icon	1 short Beep
Clear icon	2 short beeps
Bluetooth connection	Status indicator flashes BLUE
Successfully unlocked	A-B-C-D beeps after unlocked and flash Green LED 2 times
Successfully locked	1 long beep after locked and Green LED for 2 seconds
Incorrect PIN	4 short beeps and flash red 2 times
Reached max no of digits (16)	4 short beeps and flash red 2 times
Security Alarm	low-high siren and Red LED blink

Security Mode deactivated	2 long beeps
Low Battery Alert	D-C-B beeps when keypad woken up and Breathing Red LED
Relock Reminder Alert	Red flash twice and quick beep twice repeatedly
Factory Reset	D-C-B-A beeps
Power Up	2 slow beeps then 2 quick beeps

10.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).

11.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.
- When not in use, there is a Emergency Jumpstart cover that is fitted securely at the bottom of the padlock.
- The Emergency Jumpstart cover cannot be pulled out easily. There is a groove to assist user to open the cover.

12.Multiple Shackle Configurations

- User is able to change configuration on the padlock whether the shackle is removable or retained.
 - Normal / Long Shackle (Retained)
 - Normal / Long Shackle (Removable)

- User can change configuration via accessing a retaining pin after removing battery cover
- When in retained shackle configuration,
 - User is able to pull the shackle up but shackle still remain in body.
 - User is unable to remove the shackle as internal mechanism is holding the shackle.
 - When Padlock is unlocked, it should not be too hard to open the padlock.
- When in removable shackle configuration,
 - User is able to pull the whole shackle out as internal mechanism is not holding the shackle.
 - When in removable shackle configuration, user is able to pull the shackle up to open the padlock and with a higher force to remove the shackle.
 - When Padlock is unlocked, it should not be too hard to open the padlock.
 - When Padlock is open, it should not be hard to remove the shackle.

13.Manual Relock

- Hold on # for one second to manual relock (backup)

14.Auto Relock

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

15.Rubber Bumper

- There is a Rubber Bumper to protect the back body and vibration. Also to prevent the back of padlock from knocking onto a hard surface when it is moving (for example: on a truck)

16.Hard Reset and Factory PIN

- Hard Reset Button can only be accessed by opening the battery cover. (Reference: Keybox2)
- Hold on for 3 seconds to Hard Reset. After factory reset, device will revert back to factory settings

- Unpaired product can be unlocked with Factory Pin code of 1234567890 (to test all buttons) followed by the Unlock Icon.
- Hard Reset can be performed only when padlock is unlocked state

17.Connectivity

- Bluetooth 4.2 – Bluetooth Low Energy (BLE)

18.Volume Control

- Volume can be changed via Bluetooth
- 10 levels

19.Keypad LED Toggle

- Keypad LED can be switched on or off via Bluetooth
- By default, it is switched on

20.Keypad Security Lockout

- Keypad Security Lockout will be triggered if Incorrect pins are attempted for a number of consecutive times. “Keypad Security Lockout” can only be activated when the lock is locked
- User is able to Enable and disable Keypad Security Lockout via BT
- User is able to configure 1 to 10 incorrect pins (default = 5)
- When “Keypad Security Lockout” is triggered 1st time:
 - There will be siren for 30 seconds
 - Keypad will not accept any pin codes for 1 minute
- When “Keypad 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 “Keypad 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
- Keypad Security Lockout can be deactivated by:
 - After 1 / 5 / 10 minutes (depending)
 - Bluetooth Unlock (Master/Guest)
- When “Keypad 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 and Red LED on LED indicator when keypad is triggered.

21. Relock Reminder Alert

- Relock Reminder Alert will be triggered if the lock is not locked within a period of time (user-defined)
- User is able to Enable and disable Relock Reminder Alert via BT
- User is able to configure 10 seconds to 10 minutes

22. 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.