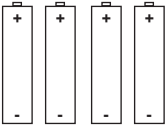# BOTHSTAR

IU-20 SMART DOOR KNOB

Installation and User Guide

Required tools （not included）
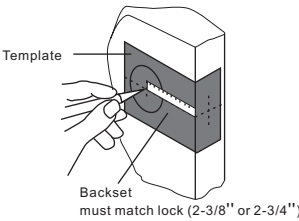
Ruler

Philips head screwdriver

Hammer

Chisel

Lock Components

- Mounting Screws M4X40
- M4X10
- Interior Assembly
- Interior Cover
- Latch
- Connector
- Reset Key
- Exterior Assembly
- Screw M4X20
- Keypad
- Key
- Strike plate
- Emergency Type-C backup
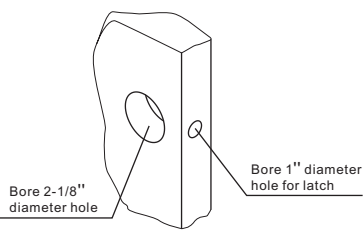- LED indicator
- Plastic box
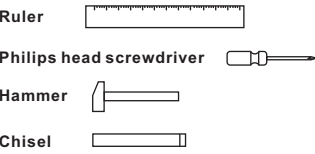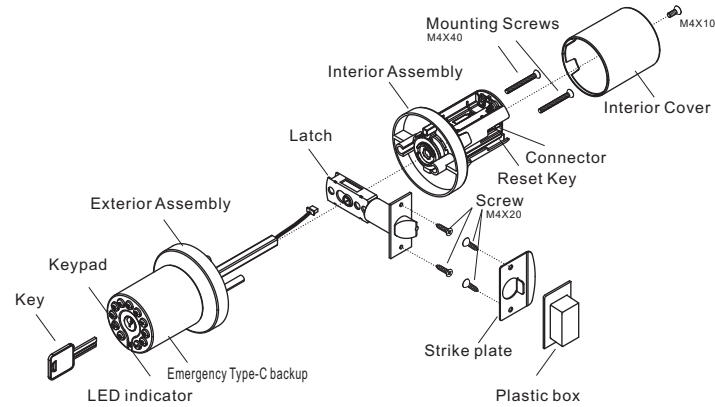
1. Prepare the door and check dimensions

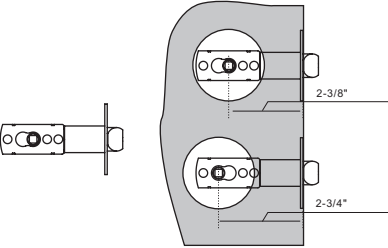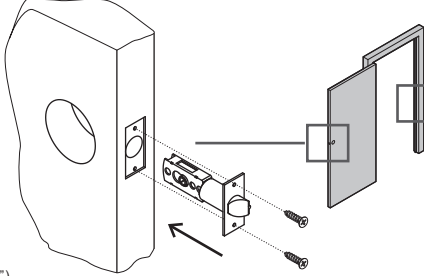| Use template to mark holes	Drill two holes	Check dimensions
Template	Bore 1'' diameter hole for latch	2-3/8" or 2-3/4"
Backset must match lock (2-3/8'' or 2-3/4'')	Bore 2-1/8'' diameter hole	1" / 2-1/8" / 1"
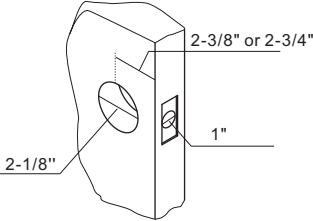
2.Install the latch and strike

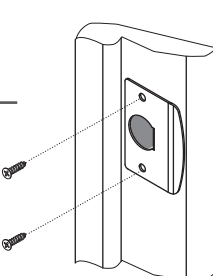| Setting latch（60MM or 70MM）	Install latch	Install strike plate
2-3/8" / 2-3/4"		

Adjust the latch to the distance you are going to install, 2-3/8" or 2-3/4"(Backset 2-3/8" or 2-3/4")
If the spindle holes of the latch are not aligned, repeat the 2-3/8" and 2-4/4" positions. This will automatically align the latch spindle holes.
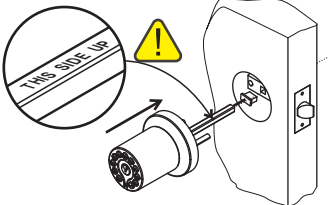
3.Install the exterior keypad and the interior assembly

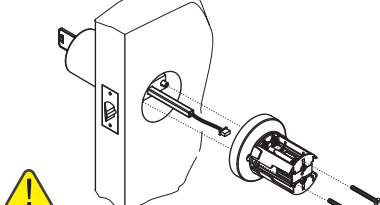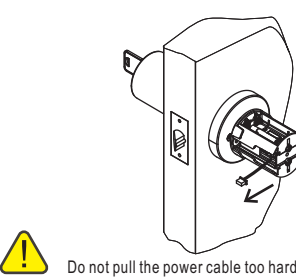| Install the exterior keypad	Install the interior assembly	Pull out the power cable
Pay attention to **"THIS SIDE UP"** on the spindle	feed power cable through hole in knob and guide spindle into knob.	

Align the exterior keypad with the bore hole. Feed the power cable through latch. The spindle on the exterior keypad should be aligned with the hole in the center of the latch. Insert the spindle through this hole as you press the exterior keypad against the door.
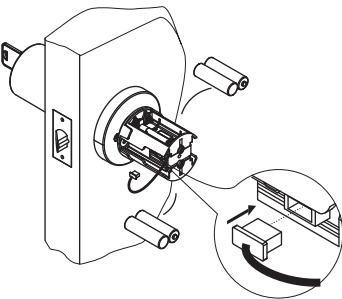
After tightening the 2 fixing screws, the knob should be easily turned by hand. After your hand leaves the inside knob, the inside knob should easily return to the original position.
If not, please re-adjust the position of the inside knob and tighten the screw.
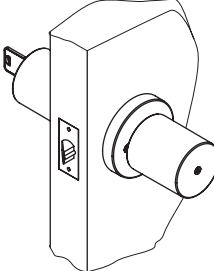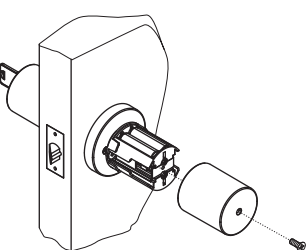
Do not pull the power cable too hard

4.Install the batteries and perform the door handing process

5.Install the interior cover

Features

. two ways to access: code and key
. -22 F to +176 F temperature range
. Low power consumption, 4 AA for 2 Years Battery Life or 20,000 times unlock
. Backlit keypad for use in low light environments
. 1 master code and 50 user codes
. Passage mode for hassle-free entry
. Color LED indicator lights up to show when codes and commands have been successfully entered
. Built-in disguise feature to protect your codes from prying eyes
. Low battery warning indication

Programming guide

Indicator light signals and beep

The color of the light indicates & beep ,the status of the lock.

● Green

. a correct master passcode or user passcode was entered ,one long beep
. the programming process is complete ,one long beep

● Red

. an incorrect master passcode or user passcode was entered,three short beep
. there was an error in programming, three short beep
. red blinking and beep after keypad backlit off indicates critically low battery

Unlock with passcode

ENTER	PRESS
master code or **user code**	⊘

● Green and one long beep
Code correct, you can turn the knob to open the door immediately, and it will be automatically locked later (the automatic locking time depends on the setting of the automatic locking timer, the default is 4 seconds).

● Red and three short beeps
The code is incorrect, please re-enter the correct code and press the check button to confirm

Passcode and Passcode Disguise

Control of the lock is simply 4-16 digit master passcode or 4-16 digit User passcode.

Passcode Disguise

This function is an added security feature which is aimed at preventing passcode theft. With Passcode Disguise, you may enter 40 digits into the keypad. As long as the correct passcode sequence is entered, regardless of how many digits were entered before or afterwards, the lock will unlock. For example, if your user passcode is "112256", you can successfully

Unlock with key

Insert the key on the outside keypad and twist. The first quarter turn should be very easy. After that you are retracting the latch by the force you apply with the key.It takes a little bit of effort. Twisting the knob at the same time you are turning the key helps a little too.

Note:
The mechanical key of this electronic door knob is completely independent, because the knob is relatively heavy, so using the key requires a little more force than the common mechanical lock.
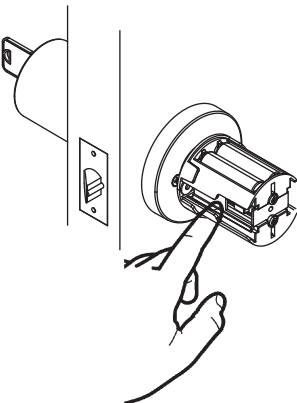
Master passcode

. The master code MUST EXIST and can be modified, but cannot be deleted.
. The lock comes preset with default master passcode 123456
. Used to put the lock in programming mode.
. Can unlock the lock
. Must be different from all of the User Codes currently in the lock.

If you forget the master passcode, you can reset the lock to factory settings,which restores the default master passcode. See Restore Factory Settings

User passcode

. User codes can be added, modified, deleted.
. The lock comes not preset any User Code
. Used to unlock the lock
. Must be different from the master passcode and other user passcodes
. Up to 50 possible User Codes can be stored in the lock at one time.

Restore Factory Settings

To delete all user codes, including the master code, follow the instructions below:
1. Use a screwdriver to remove the screws from the interior cover.
2. Remove the cover and find the reset button located on the battery pack.
3. Press and hold the reset button for 7 seconds until long beep are heard. The master passcode will return to the manufacturer default code '123456'.

7S

After restore factory , Change the master passcode as soon as possible! because of the master passcode can unlock the door.

Keypad

IULOCK

- Key
- Check botton
- LED indicator

Programming

» If you make a mistake during programming, press the check button repeatedly until the keypad lights up. Then start

ADDING USER PASSCODE

Press	Press	Press	Enter	Press	Enter	Press	Enter same	Press
✓	①	✓	master passcode	✓	New user passcode	✓	New user passcode	✓

Note : The New User Passcode must be different from all of the Passcodes currently in the lock.

CHANGING THE USER PASSCODE

Press	Press	Press	Enter	Press	Enter	Press	Enter	Press	Enter same	Press
✓	②	✓	master passcode	✓	Unwanted user passode	✓	New user passcode	✓	New user passcode	✓

Note : The New User Passcode must be different from all of the Passcodes currently in the lock.

CHANGING THE MASTER PASSCODE

Press	Press	Press	Enter	Press	Enter	Press	Enter	Press	Enter same	Press
✓	②	✓	master passcode	✓	master passcode	✓	New master passcode	✓	New master passcode	✓

⚠ **Note :** The programming of the lock is controlled by the master code.
The master code MUST EXIST in the lock and cannot be deleted, but can ONLY be changed.

DELETING USER PASSCODE

Press	Press	Press	Enter	Press	Enter	Press
✓	③	✓	master passcode	✓	unwanted user passcode	✓

DELETING ALL USER PASSCODE

Press	Press	Press	Enter	Press
✓	④	✓	master passcode	✓

ENABLE EASY PASSAGE MODE

Press	Press	Press	Enter	Press
✓	⑤	✓	master passcode	✓

With this EASY PASSAGE MODE active, you can open the door without requiring a passcode. **PRESS ANY KEY** to turn off this function when it is no longer needed.

ENABLE ADVANCED PASSAGE MODE

Press	Press	Press	Enter	Press	Press	Press
✓	⓪	✓	master passcode	✓	①	✓

With ADVANCED PASSAGE MODE active, you can open the door without requiring a passcode. Only **UNLOCK WITH MASTER CODE** can turn off this function when it is no longer needed.

ENABLE BEEPER

Press	Press	Press	Enter	Press	Press	Press
✓	⑥	✓	master passcode	✓	①	✓

DISABLE BEEPER

Press	Press	Press	Enter	Press	Press	Press
✓	⑥	✓	master passcode	✓	⓪	✓

The beeper can be turned off if desired. Beeps will still sound to indicate a low battery.

SET AUTO-LOCK TIMER

Press	Press	Press	Enter	Press	Press	Press	Enter	Press
✓	⑨	✓	master passcode	✓	③	✓	auto-lock timer	✓

The automatic lock timer unit is seconds. Default is 4 seconds.

Minimum is 2 seconds, and the maximum is 255 seconds . if more then 255 seconds,will always unlock.

Troubleshooting

I cannot insert the spindle into the latch hole, because of the 2 sides of the spindle hole of the latch are not aligned?
Let the hole parts move a few times in the 2-3/8 and 2-3/4 positions and the spindle holes of the latch will automatically align.
Why is it beeping after keypad light off?
The battery may be low. Please replace the battery.
The lock doesn't work?
Try replacing the battery or using the backup battery. If the lock still does not work, contact customer support.
Why can't I open the door?
You may be waiting too long to open the door. After entering a code, turn the handle to open the door while the lock LED indicator light is green. Once the LED indicator light is off, the lock will return to locked position immediately.
Why I can open without passcode?
You maybe active the passage mode, use master code access will turn off this function .
If you just installed it, make sure the "THIS SIDE UP" on the spindle is facing up (ceiling).
I forgot all my codes.
The lock must undergo a hard reset in order to set the master code back to default and erase all other codes. In order to perform a hard reset,please refer to the above "Restore Factory Settings".

If none of the above information resolves your issue, please visit our website at: www.iulock.com

Warranty

Lifetime Limited Mechanical and Finish Warranty and 1-Year Limited Electronics Warranty Subject to the terms and conditions of the warranty, IULOCK extends a lifetime limited mechanical and finish warranty and a one-year limited electronics warranty to the original consumer user ("Original User") of our IULOCK brand product ("Product") against defects in material and workmanship, as long as the Original User occupies the residential premises upon which the Product was originally installed.See answers www.iulock.com for specific warranty details and limitations

Important Safeguards

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Remind all family members of safety precautions.
4. Protect your user passcode and master passcode.
5. Dispose of used batteries according to local laws and regulations.

⚠ WARNING :

This Manufacturer advises that no lock can provide complete security by itself. This lock maybe defeated by forcible or technical means. or evaded by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

Template

Φ1inch

Φ2inch

1-3/8inch
to
2-1/2inch

2-3/8inch

2-3/4inch