

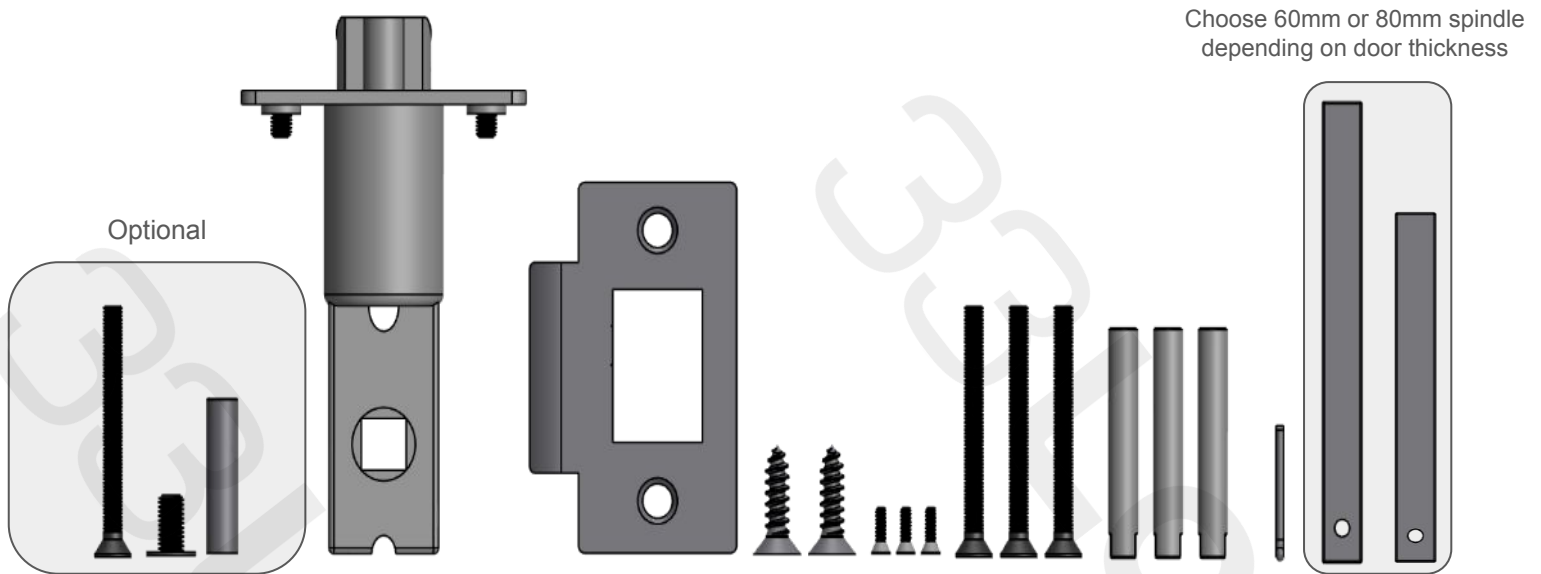
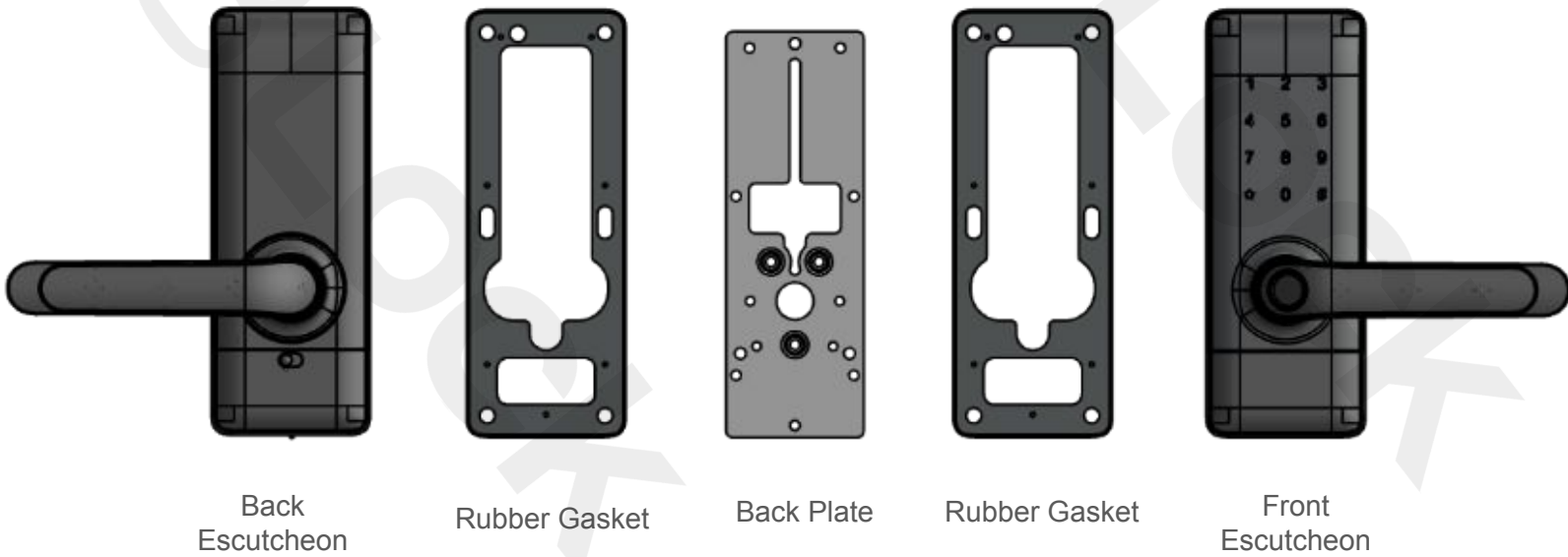
33Lock

IntelliLever



Specifications

Contents

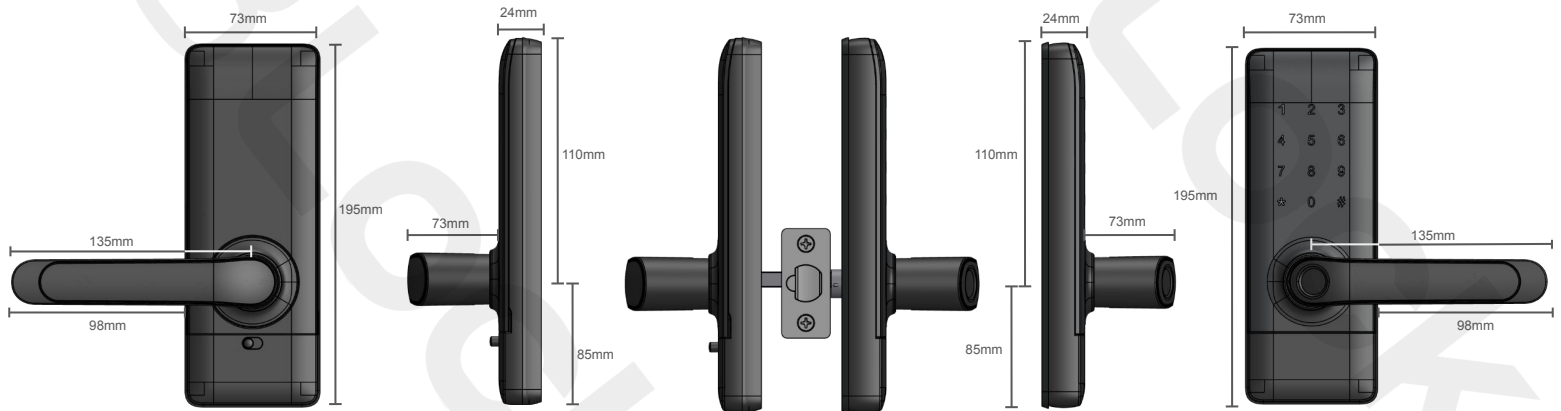


From left to right:

Optional: 1x 40mm screw, 1x 11mm screw stub, 1x 25mm barrel adjuster. 1x 60-70mm adjustable latch, 1x latch plate, 2x 20mm wood screws, 3x 10mm screws, 3x 40mm screws, 3x 30mm barrel adjusters 25mm barrel adjusters, 1x 30mm cotter pin, 1x 80mm square spindle **or** 1x 60mm square spindle
Requires 4x AA batteries - not included

Specifications

Dimensions



Credentials

PIN Code (150), MIFARE 13.56 Mhz (200), Digital Key (300), Fingerprint (200)

WiFi Open, API Open, Mechanical Key

App and Cloud management, iOS, Watch OS, Android

Credentials stored on lock, online and offline operation

Features

Power: 6V 4x AA non-rechargeable alkaline batteries, micro USB backup power

Temperature: -10C to 55C, Humidity: 0% to 95%

Waterproof: IP55, 200 hour salt spray

Finishes: satin black, silver

Interface: push button, touchscreen

Levers: tubular straight, tubular return

Mechanical

Materials: body - aluminum alloy, interface - plastic ABS

Chassis: US tubular latch, field reversible

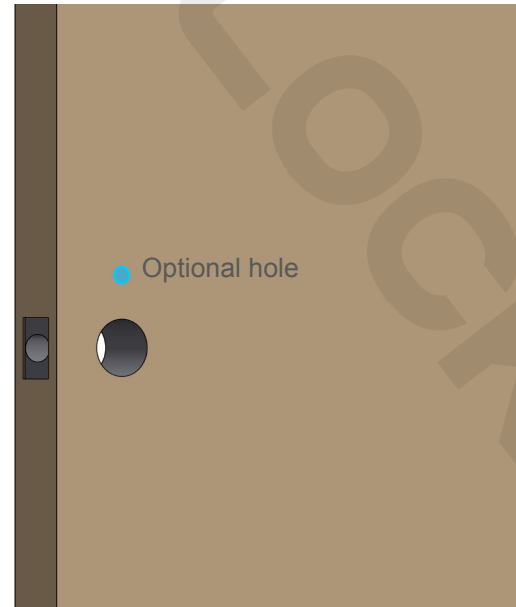
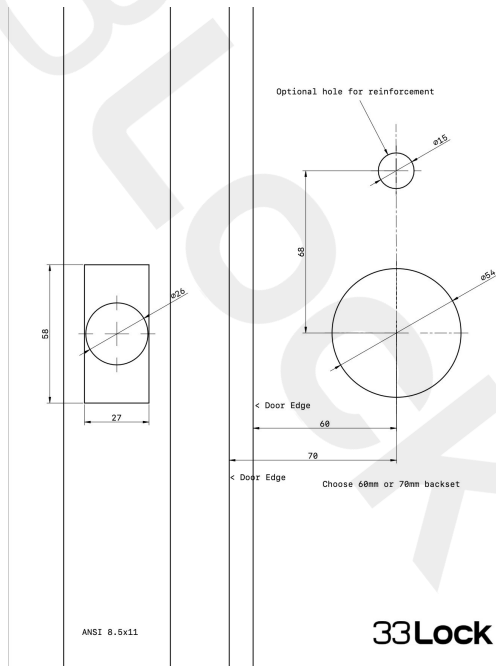
Key cylinder: internal, keyed different

Door characteristics: 35mm to 65mm thickness, 60-70mm backset

Door Preparation

Pdf door templates are available below and can be downloaded and printed on standard 8.5"x11" paper

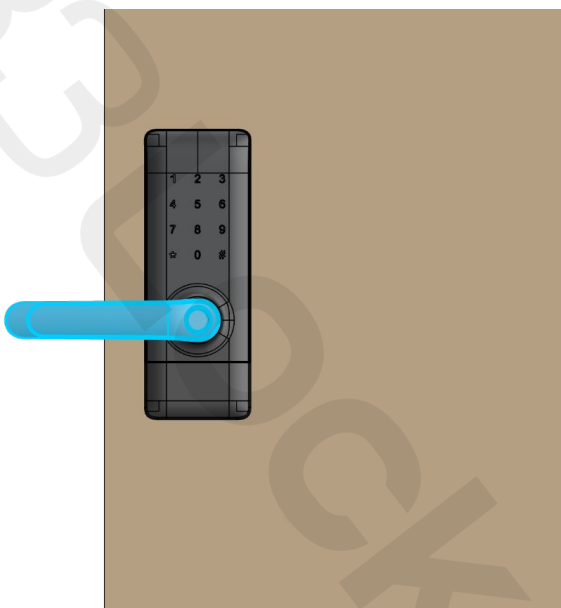
An optional hole for reinforcement can be drilled for areas requiring higher security. A sliding screw can pass through the hole adding more prying resistance



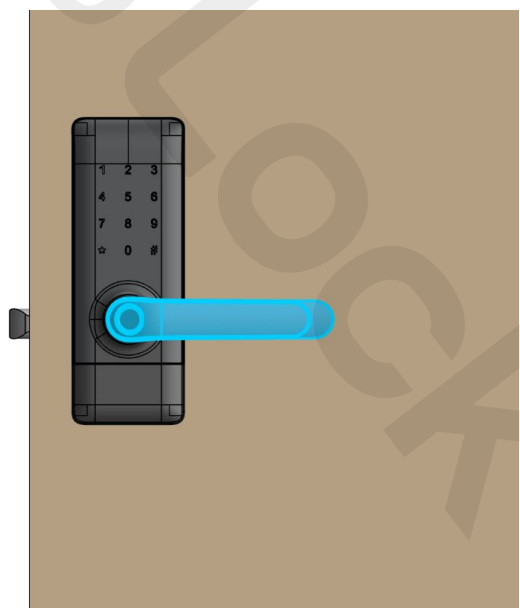
IMPORTANT: Confirm that scale is correct before proceeding with cutting door

Before proceeding, confirm that handles are facing away from the door frame. If they are not, follow the handing instructions on the following page

WRONG



CORRECT

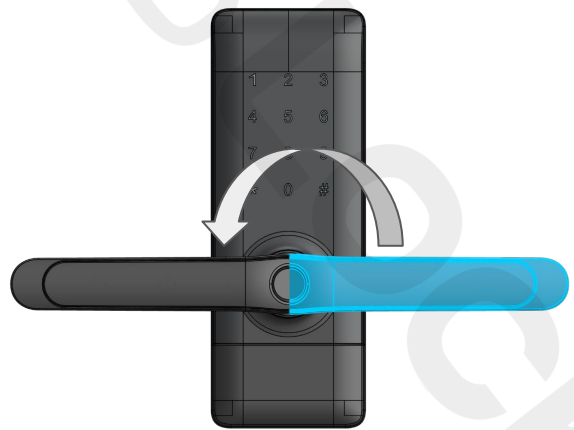


Handing Instructions

NOTE: These steps are only required if the handle is facing the wrong direction on the door.



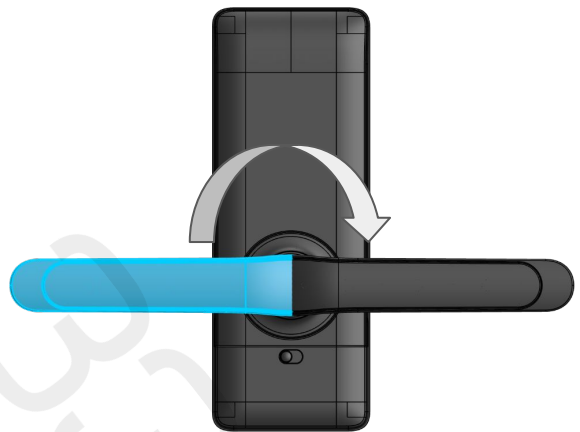
1) Remove screw from the handle through the back of the escutcheon



2) Rotate handle 180 degrees



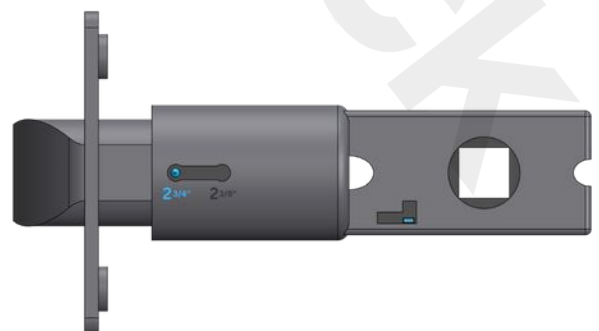
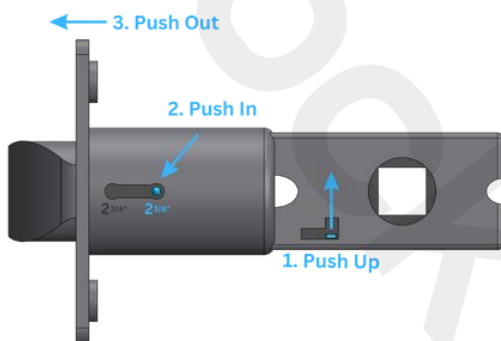
3) Replace the screw back into the opposite side



4) Repeat steps 1,2 and 3 for the back of the lock.

Setting the Backset

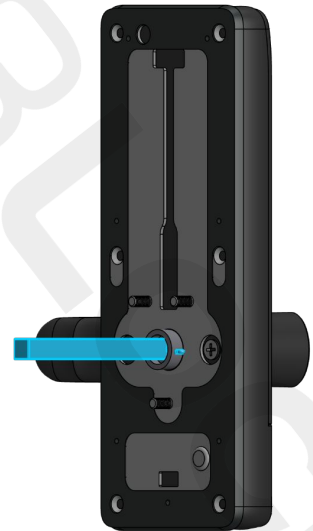
The IntelliLever can accommodate either a 70mm ($2\frac{3}{4}$ ") backset or a 60mm ($2\frac{3}{8}$ ") backset. Default is $2\frac{3}{8}$ ", to change to $2\frac{3}{4}$ " follow the steps below.



Lock Assembly



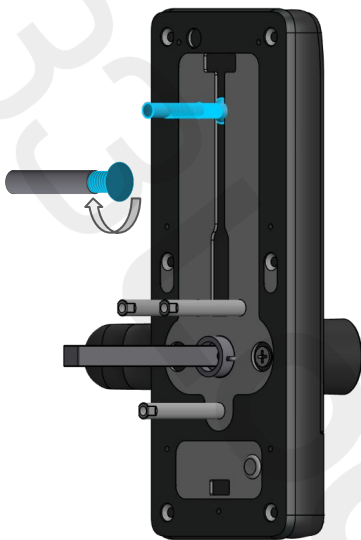
1) Orientate and press fit the rubber gasket onto the front of the lock



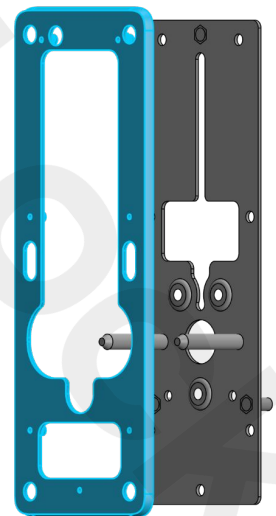
2) Insert either 60mm or 80mm square spindle into the back of the handle and secure with the cotter pin



3) Screw on the three barrel adjusters onto the threaded posts

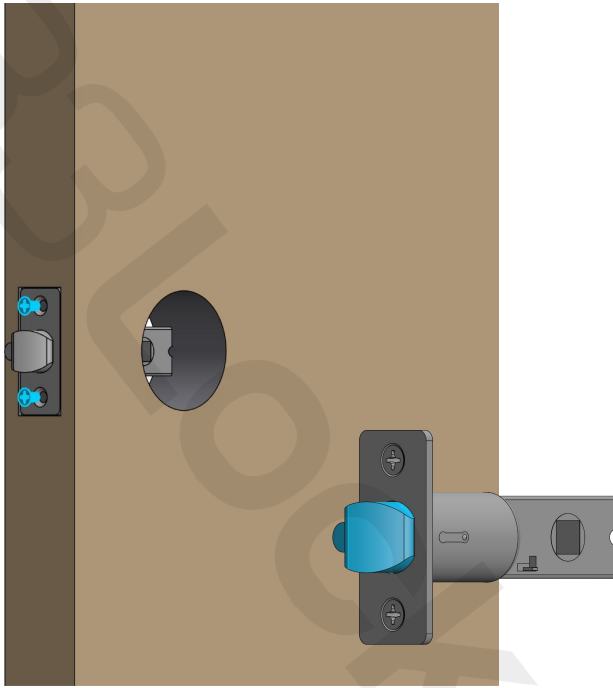


4) **Optional:** Thread the sliding screw into one of the barrel adjusters. Then slide assembly down the T-slot. Gently tighten with a small wrench



5) Orientate and press fit the rubber gasket onto the back plate of the lock

Installation



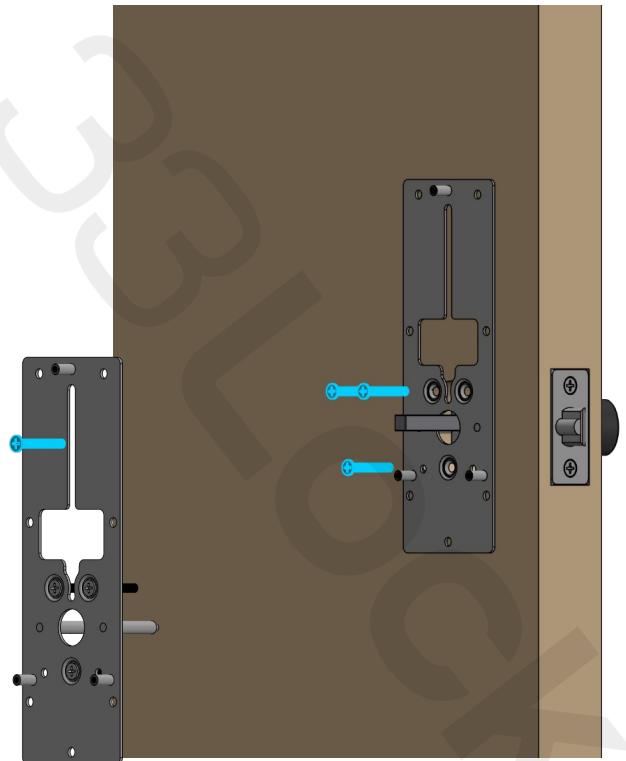
5) Insert latch piece into the door. Make sure the rounded side of the latch is facing toward the front escutcheon



6) Line the spindle up with the hole inside the latch.



7) Insert the spindle into the hole and feed the cable through



8) Install the backplate using the 40mm screws. **Optional top screw.**

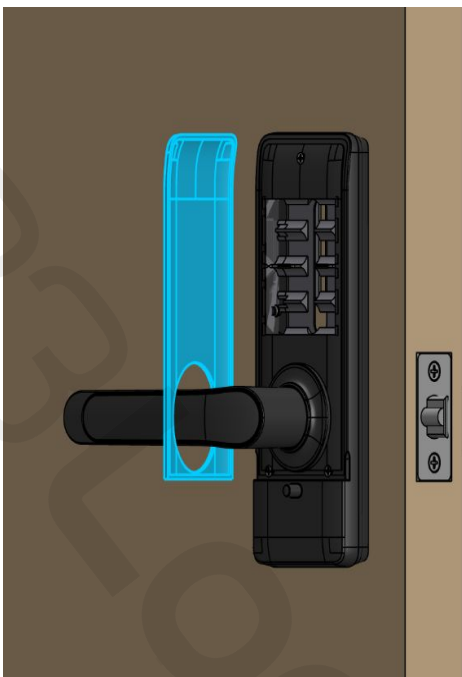
Installation Cont.



9) Connect the cables from the front and back of the lock



10) Install the back of the lock to the backplate using the 10mm screws



11) Install the battery cover by sliding over top of the handle



12) Click the battery cover into place

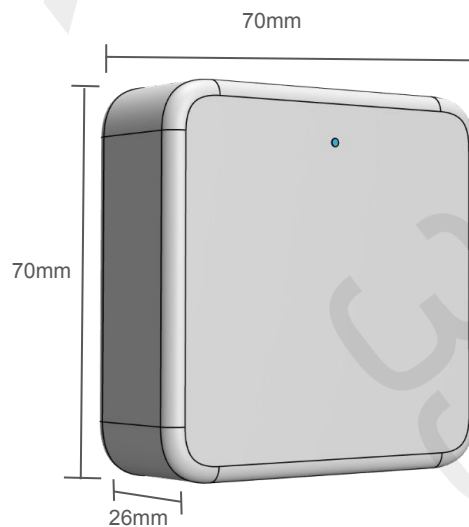
IntelliHub Gateway

IMPORTANT: IntelliHub gateways are only required if **online** capabilities are desired. They are not required to operate an **offline** system.

The IntelliHub is available in two versions: **ethernet** and **wifi**. Please select the appropriate setup for your property based on the building's network infrastructure. In many cases, a combination of both ethernet and wifi versions ensures optimal flexibility and coverage. We recommend consulting with a 33 Lock representative for expert advice prior to installation.

The gateways establish a mesh network with the locks, enabling a **many-to-many** connection. If enhanced performance or extended coverage is needed, additional gateways can be added at any point in time.

Gateways can be installed in either the **common areas** (hallways) or inside **suites**, or a **combination** of the two. If installing in rooms, it is recommended to install 1 gateway per 1 lock (1:1). If installing in hallways, a higher ratio can likely be achieved such as a 2:1 or 3:1.



Ethernet Version

Power - USB-C or PoE

Power input - 5V/500mA

Network interface - RJ45

IEEE standard - 802.3

Communication protocol - Bluetooth (BLE)

Communication range - Maximum 10m line of sight

Locks to gateways ratio - Many-to-many

Wifi Version

Power - USB-C

Power input - 5V/500mA

Network interface - WIFI 2.4 ghz only

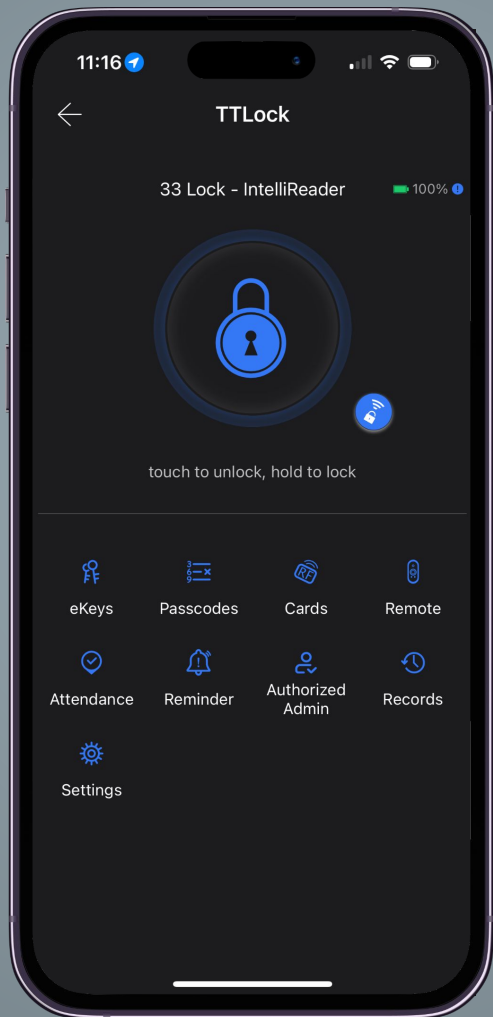
IEEE standard - 802.11 b/g/n

Communication protocol - Bluetooth (BLE)

Communication range - Maximum 10m line of sight

Locks to gateways ratio - Many-to-many

TTLOCK + 33Lock



TTLOCK software seamlessly integrates with your 33 Locks, representing the epitome of modern access control. Experience a harmonious blend of cutting-edge technology and unparalleled convenience, empowering you with complete control over your day-to-day operations. Unlock a new era of access management with TTLOCK and 33 Lock.

IMPORTANT: *To enable many of the functionalities of your 33 Locks, they need to be configured on the TTLOCK platform. Simply download the complimentary TTLOCK app and follow the provided instructions below to connect them.*

DOWNLOAD THE FREE TTLOCK APP

Available on both the App Store and Google Play



Once you have downloaded the app, sign up for a free account if you don't already have one.

NOTE: *If you are an installer and already have an existing account, it is okay to set the locks up on your account, and then transfer ownership of the locks at a later time. Instructions for how to do this can be found below.*

Connecting Locks:

Before adding locks through the app, ensure the lock is securely installed on the door, and the batteries are inserted. It is recommended to connect one lock at a time.

To connect a lock:

1. Open the TT Lock app.
2. Tap the ⊕ in the middle to add the first lock.
3. Select 'Door Lock'.
4. Tap any key on the lock to activate pairing mode.
5. Tap 'Next' to scan and display nearby locks.
6. Select the lock you want to add by pressing '+'.
7. Assign a name to the lock and press 'OK'.
8. Tap lock 'Settings', set Remote Unlock to 'On'.
9. In the same 'Settings' menu, tap 'Firmware Update,' and then tap 'Check for Update' and update to the latest version.

To connect additional locks:



1. Tap ≡ in the top left corner to open the slide out
2. Tap '+ Add Lock'.
3. Repeat steps 3 through 9 above.

Connecting Gateways:

Before proceeding, please ensure the following:

- If you are using the wifi version of the gateway, your network needs to support a 2.4GHz frequency for proper connection.
- If you are using the ethernet version of the gateway, be sure to configure your firewall settings to permit the device to establish a connection to your network.
- It is recommended to have a dedicated SSID for your devices to enhance security and performance.
- For optimal connectivity, the gateway should be located within 6 meters (20 feet) of the lock and preferably in direct line-of-sight.
- It's recommended to set up one gateway at a time and ensure that locks are added before configuring the gateways.

To connect a gateway:

1. Connect the gateway to a power supply (USB or PoE).
2. Tap on the  menu.
3. Tap 'Gateway'.
4. Select the gateway type → G2 for WiFi or G3 for PoE.
5. Once the gateway LED is flashing red and green, tap 'Next'.
6. App will scan and show all nearby gateways.
7. Select the gateway to onboard by pressing '+'.
8. Enter WiFi name and password, if applicable.
9. Assign a name to the gateway and tap 'OK'
10. Once the gateway is added, go to the  menu.
11. Locate the gateway and confirm it is online.
12. Tap 'Nearby Locks' to view the connected devices and relative signal strengths.

Testing:

A many-to-many relationship exists between locks and gateways, effectively creating a mesh network of interconnected devices. This means that you can associate multiple locks with a single gateway, and conversely, multiple gateways can be associated with a single lock.

Determine connection strength:

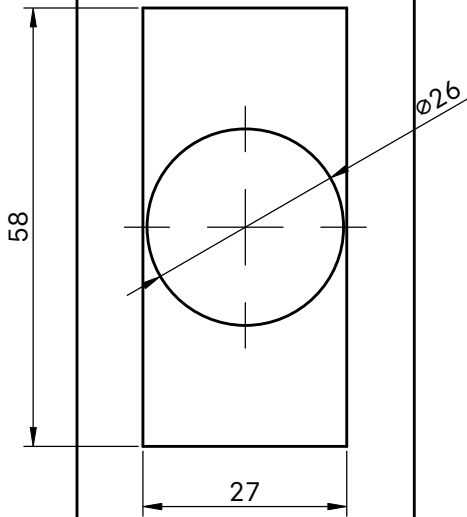
1. Tap on the ☰ menu.
2. Tap 'Gateway'.
3. Select a gateway .
4. Tap 'Nearby Locks'.
5. Evaluate the signal strengths of each connected lock, and consider a signal strength rated as 'medium' or higher as acceptable.
6. Repeat this procedure for each gateway in the list, ensuring that every lock maintains a minimum of a 'medium' connection to at least one gateway.

In cases where certain locks fall short of the requirement for at least one 'medium' connection, consider relocating the nearest gateway to a more favorable position. Alternatively, you can introduce an additional gateway closer to the affected locks to enhance the connection strength.

Transferring Locks and Gateways:

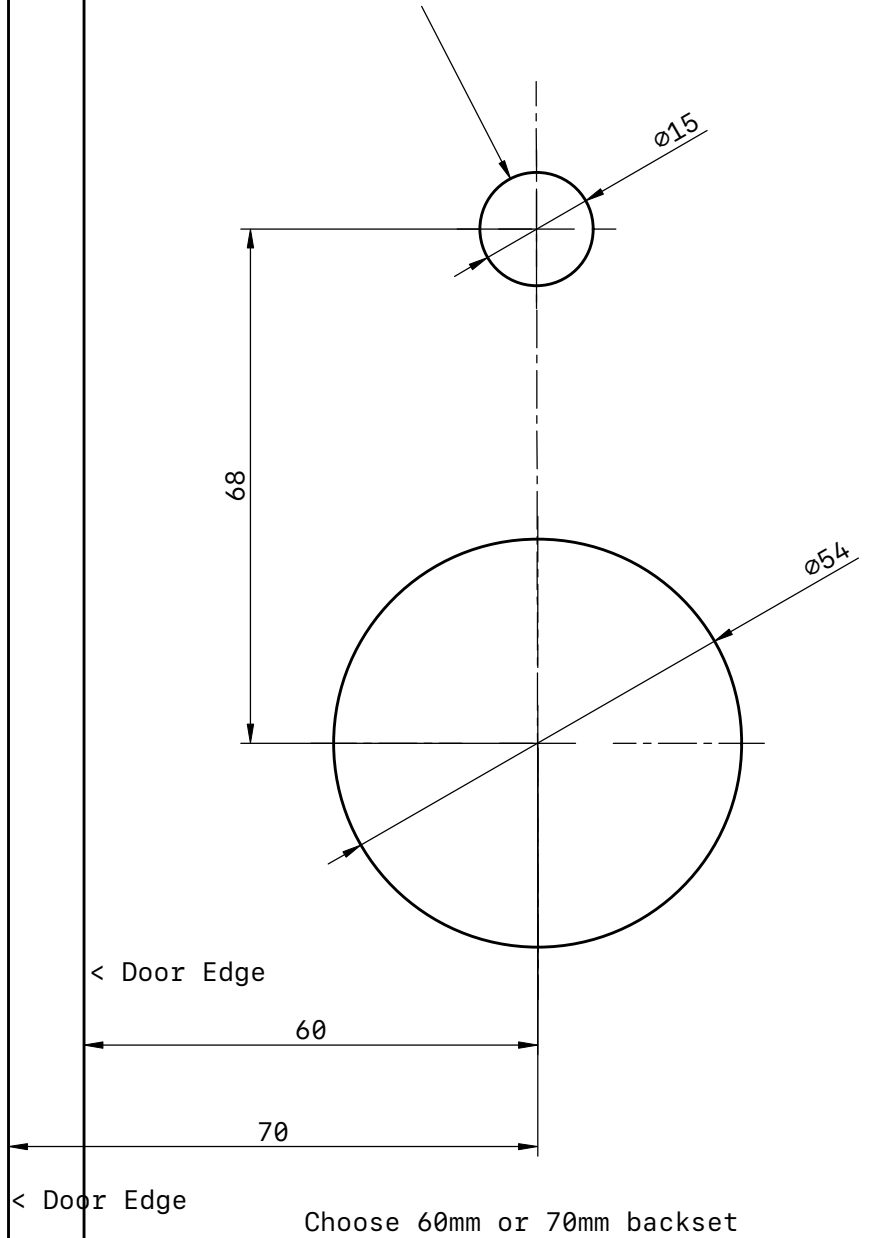
If you are an installer and are looking to transfer ownership of the locks and gateways to a client, follow these steps below:

1. Tap on the ☰ menu.
2. Tap on 'Settings'
3. Tap 'Transfer Lock(s)'
4. Select the locks you want to transfer, then tap 'Next'.
5. Enter in the email or phone number of the recipient.
6. To transfer gateways, repeat steps 1 & 2, then tap 'Transfer Gateway', and follow similar steps to transferring locks.



ANSI 8.5x11

Optional hole for reinforcement



33Lock