

NB IoT Smart Lock LDK100

- FCC CE ISO 9001 Certified
- Suitable for hotels, office, household use
- Anti-pick shield protects against lock tampering
- Licenced for use on the global NB IoT network
- No external wiring, easy installation
- Metal Key over-ride
- Battery status notifications
- No onsite infrastructure required
- NFC for card/NFC token use/NFC phone unlocking
- Remote unlock over NB IoT network with smartphone apps and Digital Keys Management Software
- ANSI Mortise

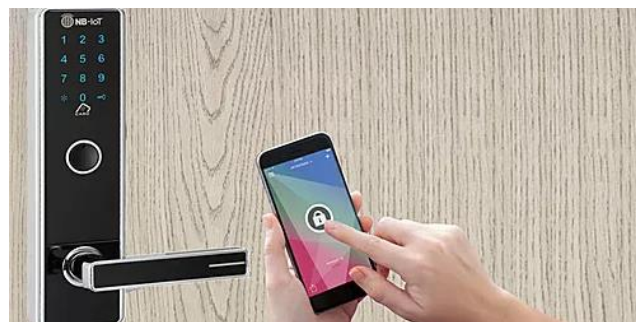


Ways to unlock

DIGITAL KEYS APP UNLOCK (OVER NB IOT NETWORK)

After you have generated a digital key in the Digital Keys Management Software, or made a request for a digital key in the digital keys app (see here how to do this), your digital key will download into the digital keys app in the form of an unlock button, corresponding to the room number/lock number that was booked. All you have to do to unlock the door is hit the unlock button on the app, and then touch the NB IoT logo on the lock (on the NB IoT smart lock LDK400) or touch the star * on the lock numberpad (LDK100). It should take 1-3 seconds to unlock. Depending on network load, very rarely it may take up to ten seconds to unlock.

STEP 1 - Open the Digital Keys app and hit 'unlock' the button



STEP 2 - Touch the star button on numberpad

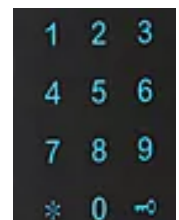


STEP 3 – and... Enter!



PIN UNLOCK (NB IoT SMART LOCK LDK100 ONLY)

NB IoT Smart Lock LDK100 (with numberpad) comes with a 4 digit PIN. The PIN can be changed anytime to a PIN of your choice in the digital keys management software.



CARD UNLOCK

All our NB IoT smart locks come with 2 NFC master keycards. You can make these keycards or any time-sensitive keycards or NFC tokens with our Digital Keys app for Android phones.



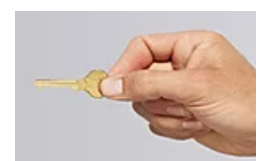
DIGITAL KEYS APP UNLOCK (LOCAL NFC)

For more regular users, or where there is high traffic we encourage local NFC unlocking with Android phones. Simply hit the unlock button in the digital keys app, and then follow the steps of touching the lock to unlock it (as outlined above)



MECHANICAL METAL KEY

All our NB IoT smart locks come with 2 mechanical metal keys.



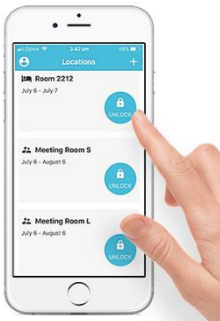
Digital Keys Universal App (Android and iPhone)

LOG IN

Download the Digital Keys Universal App from the online stores, and sign-in or sign-up. If you are the administrator/account manager, please use the same email and password you used for signing in to the Digital Keys Management Software.



USING YOUR DIGITAL KEYS TO UNLOCK OVER NB IOT NETWORK



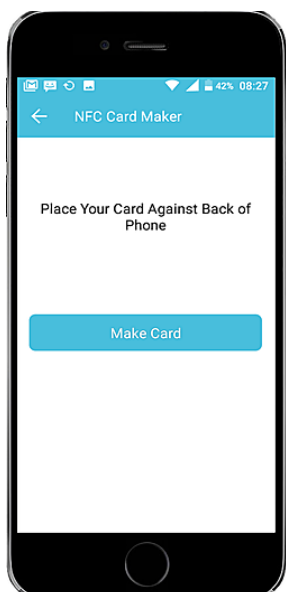
Upon signing in (you only need to do this once, or after a new digital key is generated for you), your list of digital keys which has been created for you by your account administrator will appear. Touch the 'unlock button' for the door you want to unlock.

Wait 1-3 seconds for the unlock command to go over NB IoT network/query device status

After 1-3 seconds a message will appear saying, 'Done : Touch the NB IoT logo to open it'. Your door will be unlocked and you can enter.



MAKE NFC CARDS/TOKENS



If you would like to use your NB IoT smart access control solution just like a typical keycard system, such as those commonly used in hotels and offices, then follow the steps below to make an NFC card/token work for a specific lock/room for a specific time period for a specific person.

1. Generate the digital key in the digital keys management software or make a digital keys request in the app.
2. Select the NFC card maker menu item.
3. Place one of our supplied NFC card/tokens* to the back of the phone (Android phone operating system version 5.0 and above) and hit the 'Make Card' button. The digital key will then copy to the card/token, and you are ready to use the card/key for the time/date/lock you are authorised to access.



Specifications:

Power supply: 6V DC

Batteries: Super Alkaline AA

Battery lifespan: > 1 1/2 years

Environment temperatures: -25 to 60°C

Working humidity: 15 to 95%RH

Inductive NFC distance: 0 to 5cm

Materials: zinc-alloy

Finish: silver/golden

Thickness: 7.5mm

Width: 140mm with curved end

Alarm point of low voltage: beep and red light

Data query: live audit trail records all unlocking transactions, user types (e.g master key) and unlocking types (e.g NFC, NB IoT Remote unlock, programmable numberpad)

Mechanical key: standard over-ride to ensure door to be unlocked in emergency

Software system: Cloud based Digital Keys Management Software for live audit, cancelling digital keys, remote unlock

Door thickness: 35-55mm

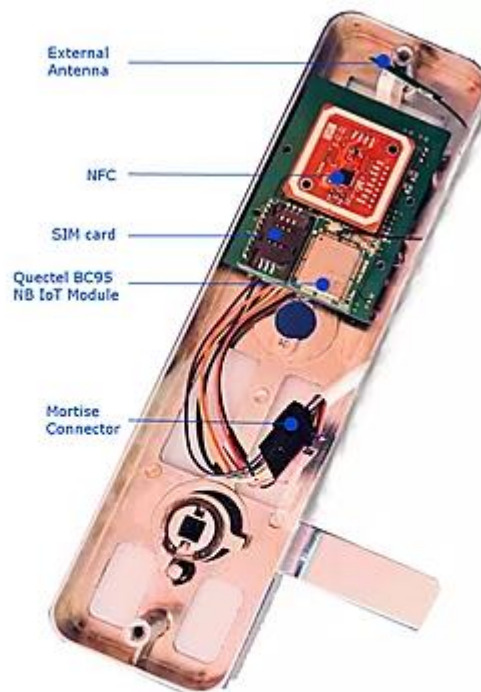


Image above: Interior of NB IoT smart lock LDK100

