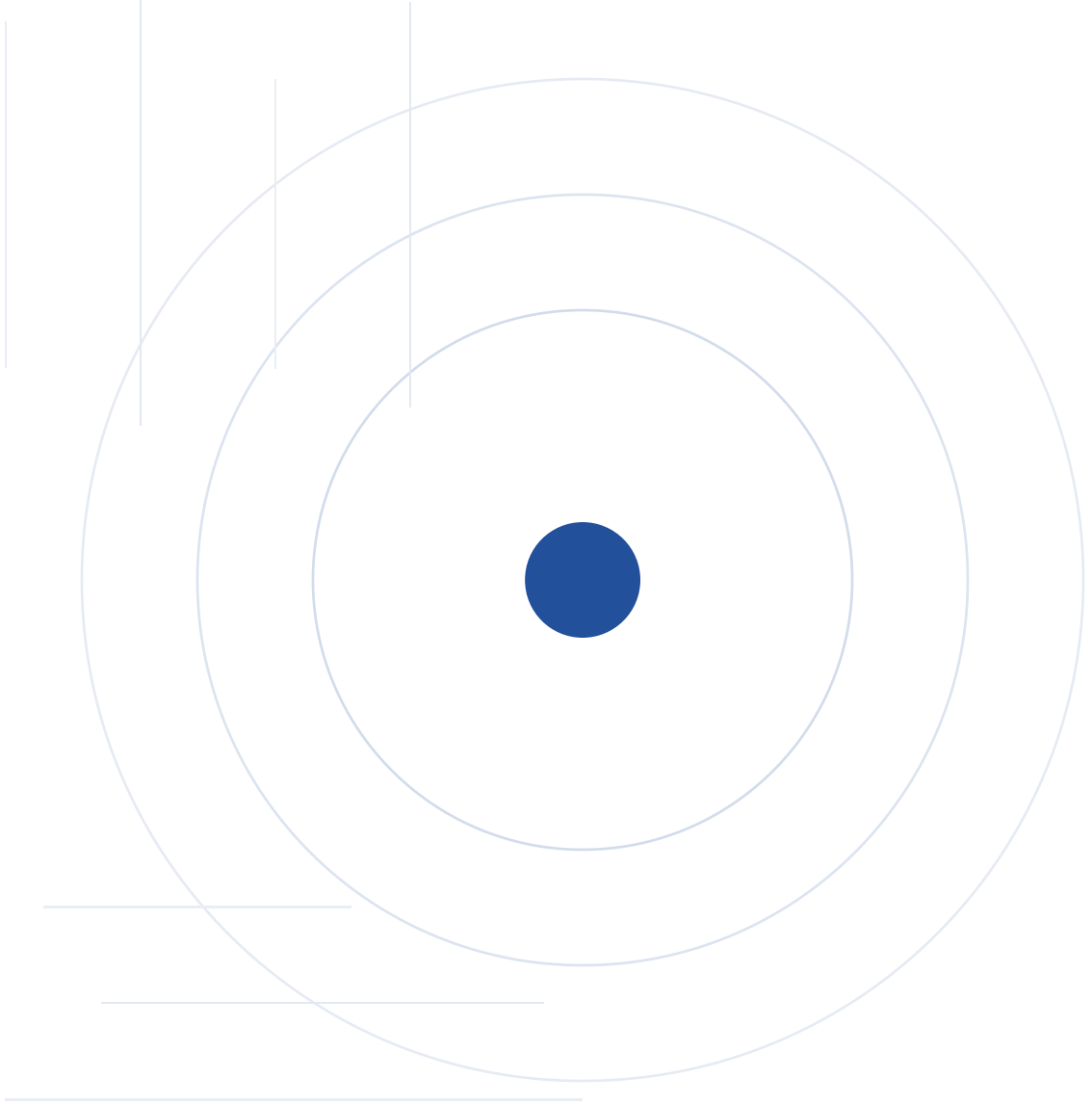
CAREMLOCK

Smart locks that ordinary people can afford

Direct from the source factory

A full range of smart locks

Structural design, electronics, software and final assembly — completed in-house.



Who we are

Focus on stability and cost performance

A smart lock competes on three things: R&D capability, consistent production quality, and a stable supply chain.

We complete every stage in-house, from structural design and electronics through to final assembly. Our range covers fully automatic, semi-automatic, face intercom and hotel card locks, sized for homes, apartments, hotels, offices and outdoor doors. Every lock goes through multiple checks before it leaves the factory. We support OEM / ODM customisation of appearance, function, language and software, and we hold dependable lead times and after-sales support for brands, contractors and channel partners.

We believe good quality should not have only one price point.

Smart locks that ordinary people can afford

Affordable to buy, affordable to live with

Our product lines

The 10 models covered in this manual

01 **DDL1 Fully automatic smart lock**
Face recognition

02 **DDL3 Basic Fully automatic smart lock**
Basic version — no face module

03 **DDL3 Facial Fully automatic smart lock**
Face recognition version

04 **DDL5 Fully automatic smart lock**
Waterproof version · diamond grey

05 **DDT5 Fully automatic smart lock**
Remote module supplied as standard

06 **DDT7 Fully automatic smart lock**
Red antique copper finish · remote module as standard

07 **K26 Face intercom smart lock**
Active intercom · nine-language interface

08 **DDZ19 Semi-automatic smart lock**
One-grip handle

09 **DDZ21 Semi-automatic smart lock**
One-grip handle

10 **eLock Hotel IC-card lock system**
T5557 / Mifare 1 · offline, no wiring

The fully automatic range — 6 models

DDL1 · DDL3 Basic · DDL3 Facial · DDL5 · DDT5 · DDT7



DDL1

Face recognition version

Material: CNC-machined aluminium alloy + tempered glass

Colour: Obsidian black

Battery: 4200 mAh lithium · 5 V Type-C

Display: 2 MP night vision + 4.5″ IPS

Front panel 405 × 73 × 50 mm



DDL3 Basic

Basic version — no face recognition

Material: reinforced aluminium alloy body

Colour: Obsidian black

Battery: 4200 mAh lithium · 5 V Type-C

Display: colour screen (no face module)

Front panel 410 × 68 × 63 mm



DDL3 Facial

Face recognition version

Material: reinforced aluminium alloy body

Colour: Obsidian black

Battery: 4200 mAh lithium · 5 V Type-C

Display: 2 MP night vision + 4.5″ IPS

Front panel 410 × 68 × 63 mm



DDL5

Waterproof version (IP rating not stated)

Material: aluminium alloy + tempered glass

Colour: Diamond grey

Battery: 4200 mAh lithium · 5 V Type-C

Display: 2 MP night vision + 4.5″ IPS

Front panel 430 × 77 × 50 mm



DDT5

Remote module as standard

Material: aluminium alloy + tempered glass

Colour: Obsidian black

Battery: 4200 mAh lithium · 5 V Type-C

Display: 2 MP night vision + 4.5″ IPS

Front panel 418 × 78 × 59 mm



DDT7

Red antique copper · remote module as standard

Material: aluminium alloy + tempered glass

Colour: Red antique copper plating

Battery: 4200 mAh lithium · 5 V Type-C

Display: 2 MP night vision + 4.5″ IPS

Front panel 408 × 78 × 61 mm

Unlocking methods by model

Only the methods each model own specification sheet actually lists

Model	Fingerprint	Password	IC card	Face	Palm	Key	App / Remote
DDL1	●	●	●	●	●	●	●
DDL3 Basic	●	●	●	—	—	●	●
DDL3 Facial	●	●	●	●	●	●	●
DDL5	●	●	●	●	●	●	●
DDT5	●	●	●	●	●	●	●
DDT7	●	●	●	●	●	●	●
K26	●	●	●	●	●	●	●
DDZ19	●	●	●	—	—	●	○
DDZ21	●	●	●	—	—	●	○

● **standard** ○ **optional** — not listed on that model own sheet

The DDL1 / DDL3 Facial / DDL5 / DDT5 / DDT7 sheets read “palm vein”; the K26 sheet reads “palm print”. The two DDZ sheets mark the TTLock app as optional.

Installation — 11 steps

The same procedure for all six fully automatic models. Photographs taken from the factory installation video.



STEP 01–02

Unbox and lay out every part

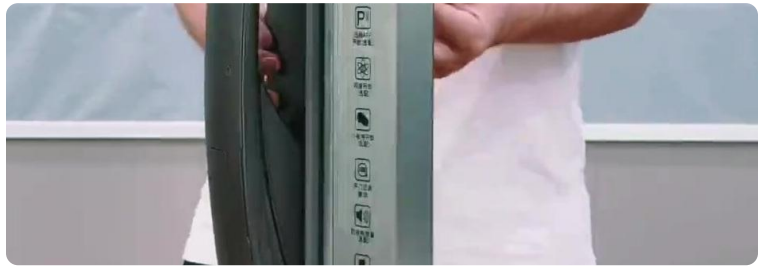
Check the parts list before you start



STEP 03–04

Fit the cylinder, tail rod about 2 cm out

The rod must sit about 2 cm past the door face



STEP 05–06

Mount the front panel, then tighten

Check the seating before driving the screws



STEP 07

Push the spindle short end into the door

Same 2 cm rule as the cylinder



STEP 08–09

Connect the cable, fit the rear panel

Never trap the cable between panel and door



STEP 10–11

Fit the battery, test the lock

Test the handle and deadbolt before closing up

Daily use and emergency operation

Applies to the fully automatic models. Match each step to the part you can see on the panel.

How to unlock

Fingerprint	Rest a registered finger flat on the reader in the handle.
Password	Touch the keypad area to wake it, enter the code, then confirm.
IC card	Hold a registered card against the reader area on the panel.
Face	Stand square in front of the module at the top of the panel. It carries radar sensing. Keep your face uncovered and reasonably still.
Palm vein	Present a registered palm to the reader area on the panel.
Mechanical key	Lift the keyway cover at the bottom of the panel, insert the key and turn.

DDT5 and DDT7 include a remote module and handset as standard. Indoors, lock the door with the one-key anti-lock button or the anti-lock knob.

Emergency operation

Battery flat

Open the door with the mechanical key, then charge or replace the battery pack.

Emergency power

Every fully automatic model has a 5 V Type-C emergency socket. Power the lock through it and the door opens.

Mechanical key

Insert the key into the emergency keyway at the bottom of the panel and turn.

Use a 5 V supply only on the emergency socket. Never use a fast charger.

K26 and the semi-automatic locks

The two DDZ models are semi-automatic — lift the handle to lock, press it down to open. **Do not apply the fully automatic installation procedure.**



K26

Face recognition + active intercom

4.5″ indoor screen. The outdoor panel carries a round camera module, keypad, fingerprint sensor and a concealed keyway.

Tuya platform with active intercom and a nine-language interface: Chinese, English, Vietnamese, Portuguese, Arabic, Russian, Thai, Spanish and Indonesian.

Unlock by palm, face, fingerprint, password, card or key. Managed through the SweetHome mini-program.



DDZ19

One-grip semi-automatic

Steel body, nano black, bilingual interface, 4 × AA alkaline batteries.

300 users in total: 9 administrators, 100 fingerprints, 191 card codes. Fingerprint recognition in 1 second or less. Type-C emergency socket.

Unlock by fingerprint, password, card or key. The TTLock app is optional.



DDZ21

One-grip semi-automatic

Same specification as DDZ19: steel body, nano black, 4 × AA alkaline batteries, Type-C emergency socket, 300 users.

Fingerprint recognition in 1 second or less. Standby current 50 µA or less. Operating temperature −10 °C to 60 °C.

The panel finish differs from DDZ19. The unlocking methods are the same.

Hotel IC-card lock system

An offline card system — no wiring and no computer network required

5 SYSTEM PARTS

1 Smart door lock

T5557 or Mifare reads the card and drives the motor. 3–4 AA alkaline batteries. On-board records: 200 on T5557, 2000 on Mifare.

2 Card

The key itself. The management software writes the room number and the validity onto the card, and the guest opens the door with it.

3 Card issuer

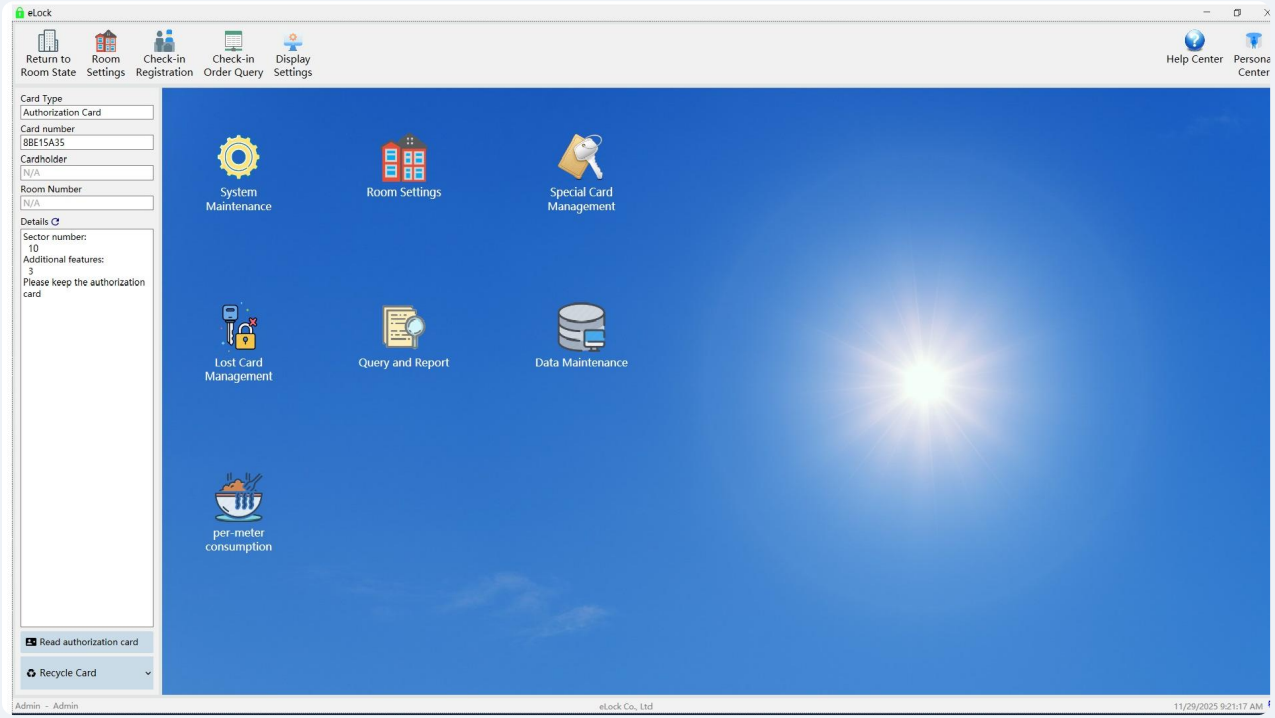
A USB reader and writer. Driver-free, plug and play; the first connection takes about one minute.

4 eLock software

Manages every door lock and issues every card type. Split into a server and a client; extra issuing PCs need no separate database.

5 LCD handheld device

Sets the room number lock by lock, calibrates the lock clock, downloads door-opening records and upgrades lock firmware.



The eLock software: room types, buildings, areas and room records are all configured here, and every card the hotel issues comes from here too.

Choose the card to suit the hotel: **T5557** (125 kHz, lower cost) or **Mifare 1 S50 / S70** (13.56 MHz, supports one-card systems, higher security).

Hotel front-desk workflow

Five steps covering the whole guest stay, all completed on the Room Status Map

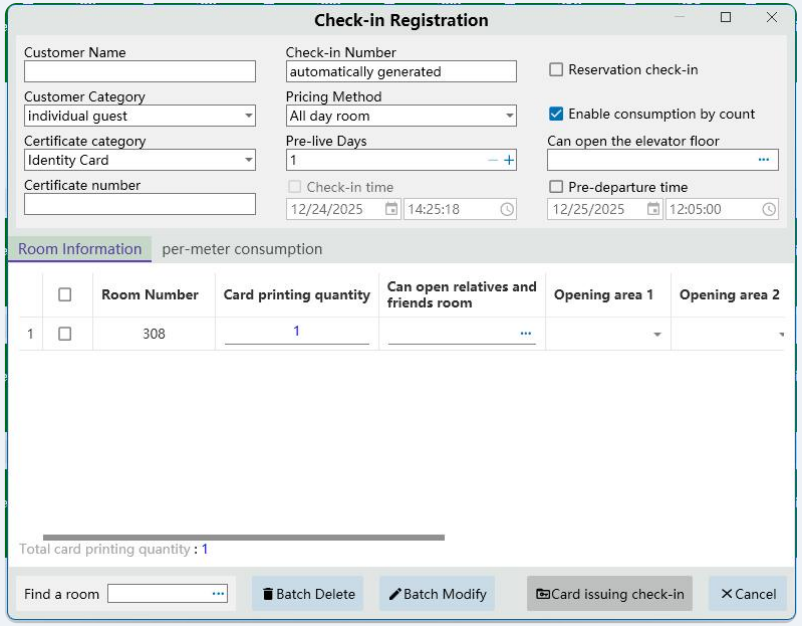
STEP 1
Check-in and issue card

STEP 2
Stay extension

STEP 3
Room change

STEP 4
Check-out

STEP 5
Lost / extra card



The check-in screen. Double-click a clean room, enter the guest details, then click Issue card and check in.

What reception actually does

Check-in. Double-click a clean room, or type the room number into Find room. Enter name, ID, stay dates and rate, then click Issue card and check in. Several rooms can be added at once.

Stay extension. Place the guest card on the issuer, click the suggest button, then Stay extension, and set the new expected check-out time. One extra day by default.

Room change. Place the guest card on the issuer, click Room change, select the new room and confirm. The booking record keeps a trace of the change.

Check-out. Place the guest card on the issuer and click Collect card. The card is cleared and the room returns to dirty.

Lost / extra card. Right-click the room icon and choose Reissue room card.

A guest card issued one minute later supersedes the earlier one. If several cards must work at the same time, use Reissue room card, then Add accompanying guest card, and do **not** tick Disable previous card.

Cards, records and training key points

What each card does, and what a trainee must be able to repeat unaided

Management cards

- Authorisation
- Setup / installation
- Time calibration
- Loss report
- Unblock
- Data
- Check-out
- Lock setting
- Clear

Access cards

- Guest
- Backup
- Floor
- Building
- Master
- Emergency
- Multi-door
- Elevator

Key points

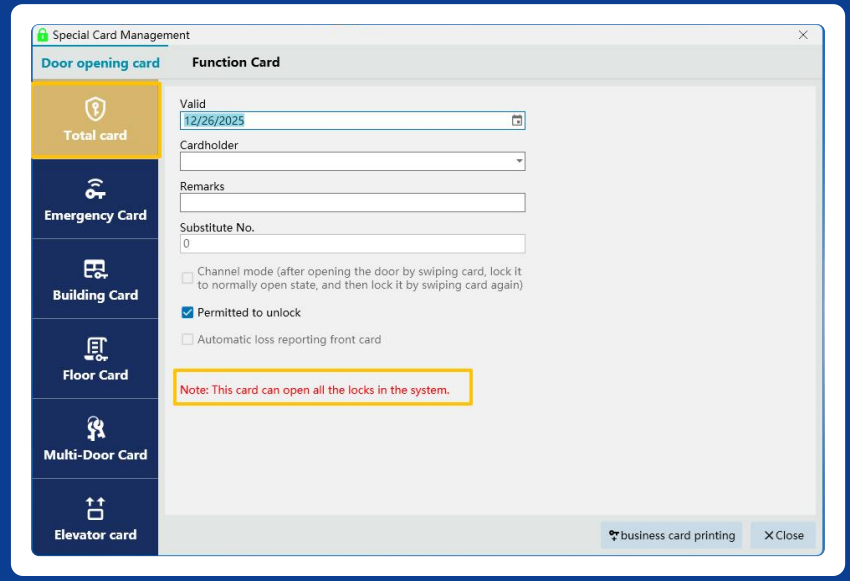
1. The authorisation card the software reads must be the **same card** that was swiped on the door lock.

2. A later guest card supersedes an earlier one. To keep several cards valid, use Add accompanying guest card and do not tick Disable previous card.

3. After a check-out without the card, the old card can still open the door. Swipe the check-out card, or issue a new guest card, to invalidate it.

4. Before changing a room number you must swipe the clear card to remove the old number from the lock.

5. Never use an expired time calibration card — it will set the lock clock backwards.



Special card management: every staff card is made here, with its validity period and the buildings, floors and rooms it may open.

Before the session ends, confirm each trainee can independently complete the 11-step fully automatic installation, the main unlocking methods, and the full hotel cycle from check-in to check-out.