LIS2018-DT-1300

Residential RFID • Keypad Door Lock

LEVEL ®

MODEL:LIS2018-DT-1300

Residential RFID • Keypad Door Lock

WWW. LEVELLOCK. COM

catalogue

1.1 model and appearance

product model	LIS2018-DT-1300
finishing	CR/PCR, PVD/SPVD. PVD/PCR
net weight	3.5kg

back panel

front panel

mortise
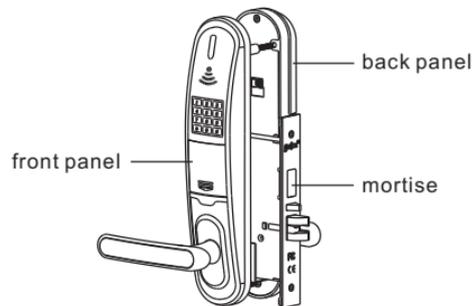
1.2 basic function

1. perfect combination of mechanical and identification technology ；
2. unlocking methods :
    （1）. by RFID card；
    （2）. by code；
    （3）. by mechanical key；
3. mechanical dead bolt ；
4. sub-card and password can be added or deleted separately；
5. 4*1.5V LR6 alkaline batteries as power supply. The battery life can be up to 20000 times unlocking；
6. low voltage alarm:If the battery voltage becomes low, alarm will act and in this case the door can be still opened for 50 times；
7. the passage mode can be set for meeting use by RFID card or code；
8.latch alarm:if the latch does not stretch completely, alarm will make in 3 seconds；
9.anti-latch-insert: to present the latch from unlocking illegally；
10. keypad: stainless steel is adopted, sealed by silica gel. It is water-resistant and anti-dust.

1.3 model and appearance

item	function
handles	detect the smart card
sensitive area	detect the smart card
face plate	lock with dead bolt
dead bolt	lock with dead bolt
keypad	operation and inputting code

sensitive area

keypad

front panel

cylinder cover

front handle

dead bolt

anti-trust latch

latch

face plate

mortise

battery case

dead bolt knob

back handle

back panel

FRONT ELEVATION   SIDE ELEVATION   BACK ELEVATION
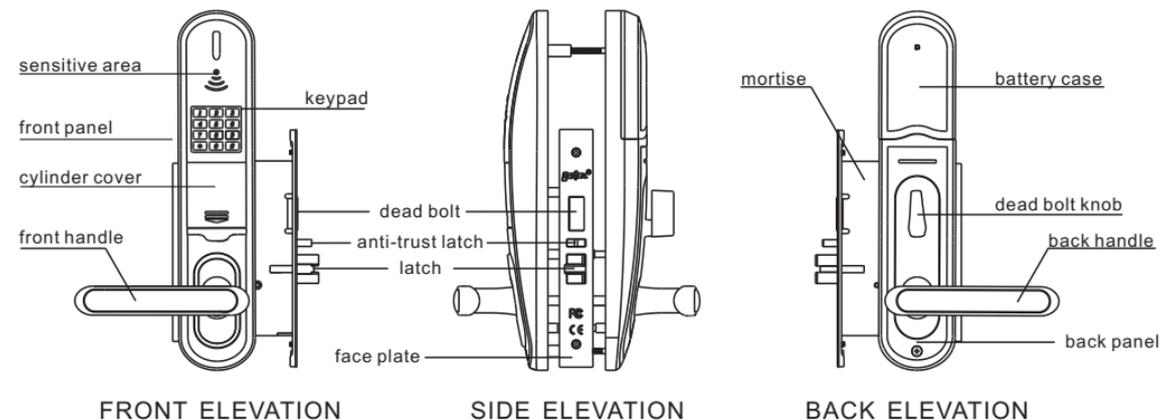
1.4 mortise dimension
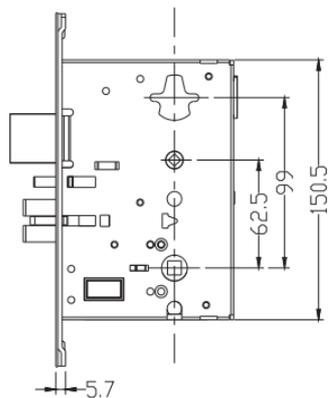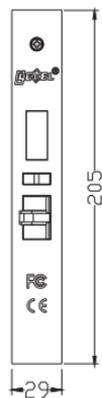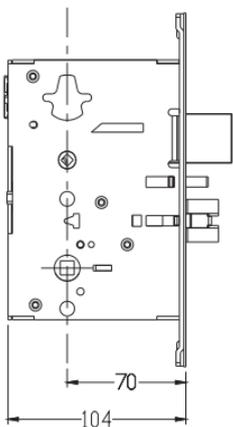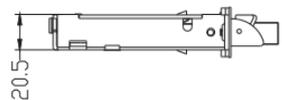
1.5 lock panel dimension

unit：(mm)

unit：(mm)
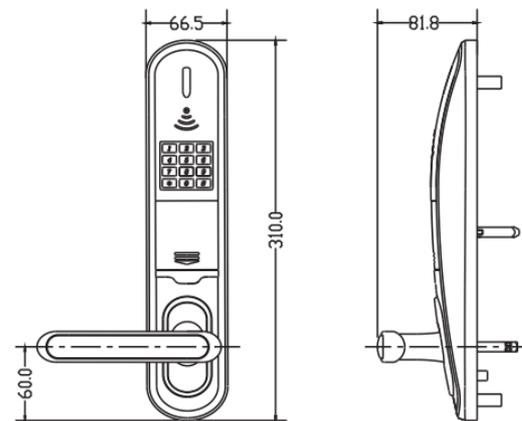
FRONT PANEL
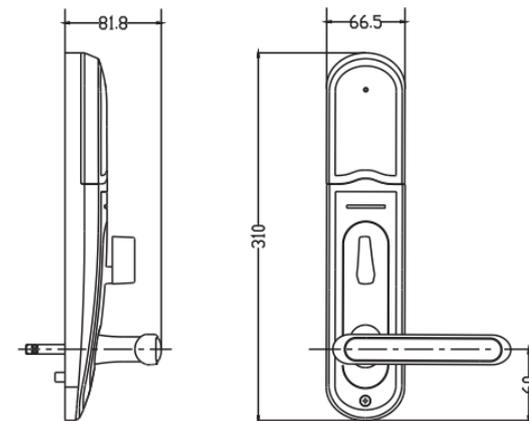
BACK PANEL

2.1 precaution

The locks should be installed by installed by experienced specialists.

2.2 installation requirement

（1）. door:should be wooden door or anti-theft door. As for anti-theft door. As for anti-theft door, the hole should be cut by door provider.
（2）. door thickness:40-70mm.
（3）. if there is decoration on the door, the width between the door's edge and decoration should be at least 120mm.

2.3 direction of lock

left inside open	right inside open	left outside open	right outside open
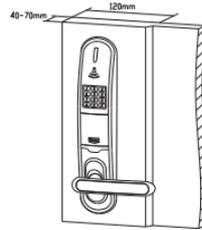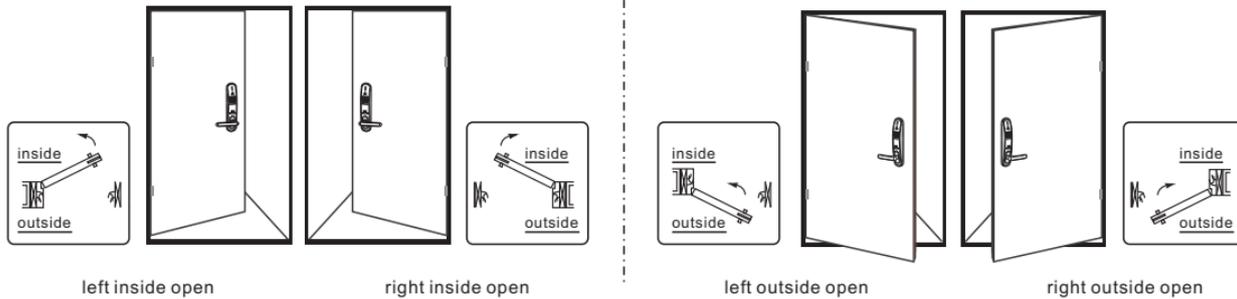
2.4 installation step

1.drilling holes

drilling the holes according to the installation drawings or hole-making templates to locate the mortise and lock panels. The handle central line should be about 100cm from the ground. (figure 2.4a)

unit：(mm)

hole-making drawing of door　　hole-making drawing of frame

distance between the center of handle and ground: 1000mm

three central lines must be in one line
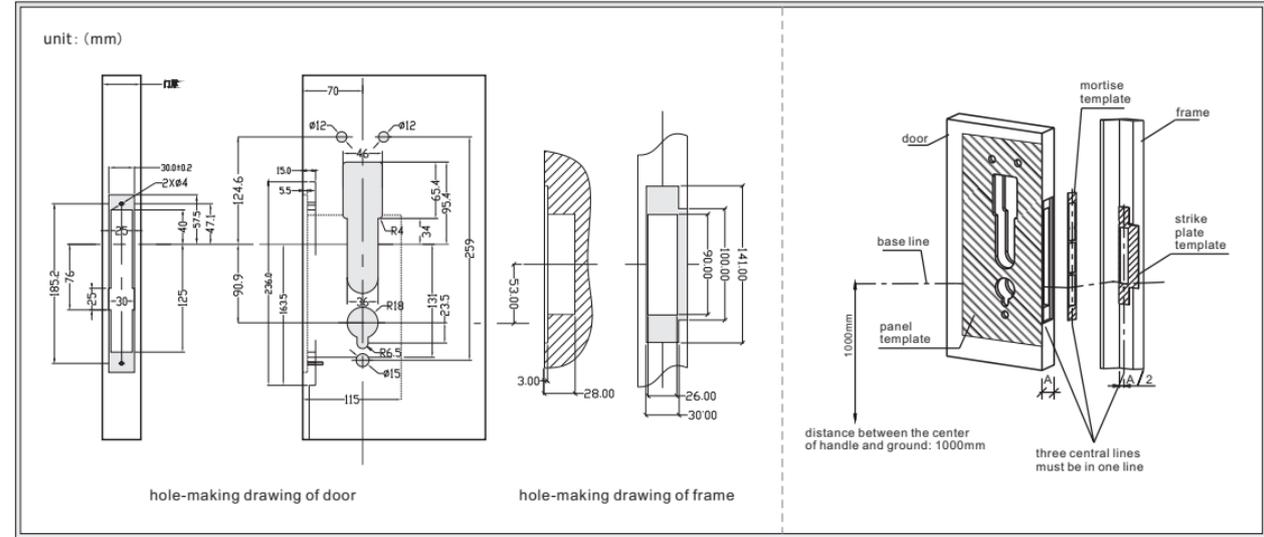
figure 2.4a

2.installing mortise

(1).install mortise in mortise room.
    Note:the mortise signal cables must be lead out from the front hole.
(2).fix the mortise with 2 ST4.8*19 tapping screws. (figure 2.4b)

signal cable must
go through this hole

this side for front panel
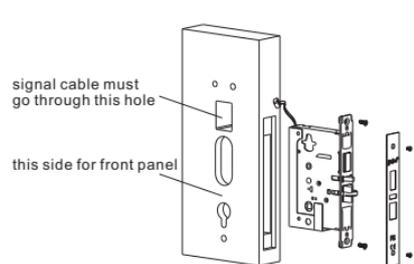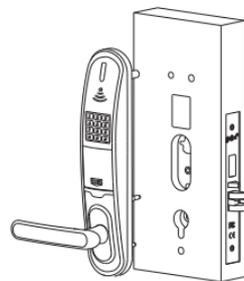
figure 2.4b   figure 2.4c

3.installing front panel

(1).connect signal cable to the socket of front panel and make sure they are firmly connected.
(2).Insert the big spindle of front panel into relevant hole of the mortise. The three screw columns
    must match the relevant hole on the door. (figure 2.4c)

4.installing back panel

Align the big spindle, the small spindle of back panel and the relevant hole on the mortise, and
then fix back panel and front panel with 3 screws M5. note:the power cable must go through
the back hole and connect to the socket of back panel. (figure 2.4d)
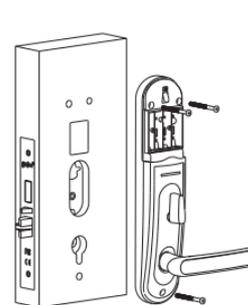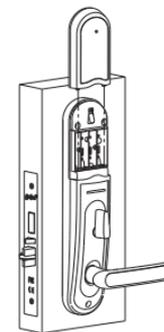
figure 2.4d   figure 2.4e

5.loading batteries

remove battery cover from the small hole by a pin or relative tool, then load in batteries.(figure 2.4e)

6.installing the strike box and strike plate

fixing strike plate and strike box into door frame with 2 peaked tapping screws ST 4.8*19 (figure 2.4f)
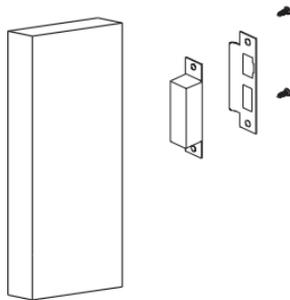
figure 2.4f   figure 2.4g

7.testing the lock
 (1).turn handles to test its flexibility.
 (2).turn handles to open test the latch, turn the knob to test the dead bolt's flexibility.
 (3).open the door with mechanical key to test the flexibility of latch and dead bolt.
 (4).test the anti-trust latch whether it can present the latch from unlocking illegally.(figure 2.4g)

2.5 exploded diagram

door

battery cover

front panel

back panel

cylinder cover

face plate
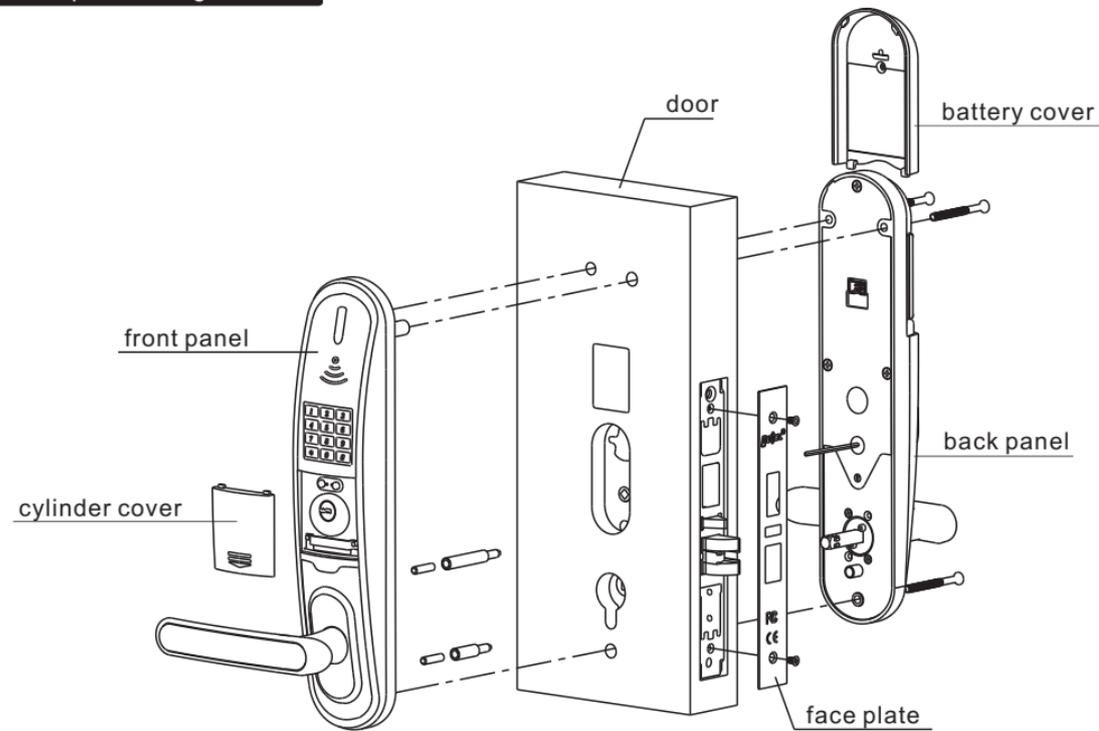
3.1 configure mother card

Unlocking method: RFID card or password.

A. **card type:** mother card, sub-card(including key card, master key card and passage mode card).

card's function: mother card: can unlock the door and dead bolt, and use for configure or delete sub-card.

key card: can unlock the door but cannot unlock the dead bolt.

master key card: can unlock the door and the dead bolt.

passage mode card: can unlock the door and dead bolt. When the lock is in the status of normal close, it can turn the lock to normal open. When it is in the status of normal open, it can turn the lock to normal close.

B. user guide for cards

(1)Insert and turn the mechanical key to make all the latches enter into the mortise. Keep holding till you hear a short "Di" and see the indicator turns to red. At this moment put a legal card getting close to sensitive area. Do not release the mechanical key until the sound "Di Di-" (1 short 1 long) makes. Now the mother card is successfully configured.
(2)Every lock can only configure one mother card. Configuration and deleting sub-cards require the mother card. If the mother card is lost, please configure a mother card by above step.
(3)Every lock can configure at most 100 sub-cards. If the sound "Di Di Di Di Di"(5 short) makes, it means the card's quota is full.
Note: some of the models use special button to configure the cards not by mechanical key.

3.2 configure key card

When the lock is in the stand-by status, swipe the mother card, and then 1 short "Di" is made. Keep the mother card in the sensitive area till 3 short "Di Di Di" are made. At this moment, the LED indicator flashes blue slowly, swipe the cards you need one by one until another short "Di" is made. Now the key cards are successfully configured. Wait 5 seconds, the lock will turn to stand-by mode.

3.3 configure master key card

When the lock is in the stand-by status, swipe the mother card, and then 1 short "Di" is made. Swipe the mother card in the sensitive area for 2 times, and 2 times of 3 short "Di Di Di" are made(Di Di Di...Di Di Di). At this moment,The LED indicator blue flashes faster, swipe the card you need one by one until another short "Di" is made. Now the master key cards are successfully configured. Wait 5 seconds, the lock will turn to stand-by mode.

3.4 configure passage mode card

When the lock is in the stand-by status, swipe the mother card, and then 1 short "Di" made. Swipe the mother card in the sensitive area for 1 times, and 3 times of 3 short "Di Di Di" makes(Di Di Di...Di Di Di...Di Di Di). At this moment,The LED indicator flashes very rapidly. Then swipe the cards you need one by one until another short "Di" makes. Now the passage mode cards are successfully configured. Wait 5 seconds, the lock will turn to stand-by mode.

3.5 delete a key card or multiple key cards

When the lock is in the stand-by status, swipe the mother card, and then 1 short "Di" is made. Swipe the mother card in the sensitive area for 1 time, and 1 times of 3 short "Di Di Di" is made(Di Di Di). At this moment,the LED indicator flashes blue slowly. Wait some seconds, the LED will flash red. Then swipe the cards you want to delete one by one until a short "Di" is made. Now the sub-cards are successfully deleted. Wait 5 seconds, the lock will turn to stand-by mode.

3.6 delete all sub-key cards

When the lock is in the stand-by status, swipe the mother card, and then 1 short "Di" is made. Swipe the mother card in the sensitive area for 1 time, and 1 times of 3 short "Di Di Di" is made(Di Di Di). At this moment,the LED indicator flashes blue slowly. Wait some seconds, the LED will flash red. Then swipe the mother cards you for 10 times, and 10 times of "Di Di Di" are made. And then the LED will flash blue and red rapidly. Now all sub-cards are successfully deleted. Wait 5 seconds, the lock will turn to stand-by mode.

3.7 delete mother card

Cut off the power(or remove one battery), insert the mechanical key, turn the mechanical key clockwise and hold on. Then recover the power(load in batteries), release the mechanical key until the LED indicator turns to red. And then turn the key clockwise for 4 times continuously in 5 seconds. After that, if a long "Di-Di" makes (1 long 1 short), it means the mother card is deleted successfully.

3.8 status of the cards

（1）Normal status of swiping cards
mother card: 1 short "Di".LED light up blue for 5 seconds.
key card and master key card: 1 short "Di". LED lights up blue for 1 second
passage mode card: 2 short "Di" (Di Di). LED lights up blue for 1 second.
After swiping cards, the lock will lock itself in 5 seconds.

（2）Abnormal status of swiping cards
When the door is locked by dead bolt, if you use normal key cards to unlock the door, 1 "Di"
will make and LED flashes blue and red for 1 second. If illegal cards are used, the LED will
flash blue and red for 1 second and no sound will make.

3.9 low voltage alarm

If there are 3 short "Di Di Di" make and the LED light up red when the lock is unlocked. That
means the batteries voltage is too low, you have to change the batteries as soon as possible. In
the low voltage situation, the door can be unlocked for 50 times.

From the 51th time, the lock will be self-locked. You can use the following way to unlock the door:
A. Swipe the legal cards contentiously for 3 times.
B. Use the mechanical
C. Use the outer power supply(DC6V) to power the door, and then unlock the door.

4.1 maintenance

Do not get contact with corrosive substance in case of damaging the protection layer of locks.

Do not hang stuffs on the handle in case of damaging its flexibility.

If the door deforms and the latch cannot go into the strike box smoothly, you have to adjust the position of the strike plate.

If the low voltage alarm makes, please change the all batteries simultaneously.

Pay attention to the direction of negative and positive pole.

Keep the mechanical key in safe place.