VIZID

Facial Door Lock

USER MANUAL

DFL100

Manual

Contents

I. Overview

1. Summary

With the upgrading of security protection and modern management requirements for residences, offices, and smart communities, We havelaunched a set of smart lock solutions including fingerprint, card swiping, and passwords modules.

The addition and deletion of fingerprints and passwords are managed based on unlocking numbers.The corresponding number can be fingerprint, password or remote control (optional).

Unlocker Type	Quantity	Number Range	Remarks
Administrator	9	1~9	administrator can use fingerprint, card or password to unlock
General User	291	10~300	General user can use fingerprint, card or passwordor remote control to unlock

2. Advantages and Features

➢ You can use fingerprints, cards and passwords to open the door.

➢ Support remote controlunlocking,make it efficient and convenient.

➢ Multiple unlocking modes for choose，whichenhance the security level of the smart lock.

➢ The addition and deletion of users are based on unlocking numbers.

➢ Combined unlocking and dual functions, make the door lock much more safer.

➢ Equipped the function of preventing others from peeping the password.

➢ With self-check when power on, intelligent identification module and quick matchingsuch as fingerprint + password or card + password, etc.

➢ With unlocking record query function, keep track of the use of smart lock.

➢ All components adopt internationally renowned brand manufacturers, with stable and reliable quality.

➢ All lock modules are equipped with waterproof, moisture-proof and mildew-proof technology.

➢ All lock modules have been tested for high and low temperature, vibration, aging, etc., to adapt to harsh environments.

3. Product Parameter

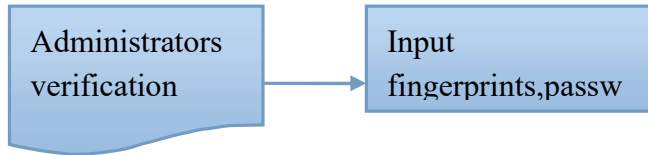| Power	7.4V lithium battery
Typical quiescent current	<65 microampere
Unlocking fingerprints quantity	<=300 groups(9 Administrators，291 general users)
Unlocking cards quantity	<=300 groups (9 Administrators，291 general users)
Unlocking passwords quantity	<=300 groups (9 Administrators，291 general users)
Resolution	500DPI
Rejection rate	≤0.15%
False acceptance rate	≤0.00004%
Operating temperature	-10°C～60°C
Relative humidity	20% ～ 93%

II. **Function and Operation**

1. Initial State

    The factory initial password is "123456" to unlock after adding the administrator information, the initial password "123456" will be automatically deleted.
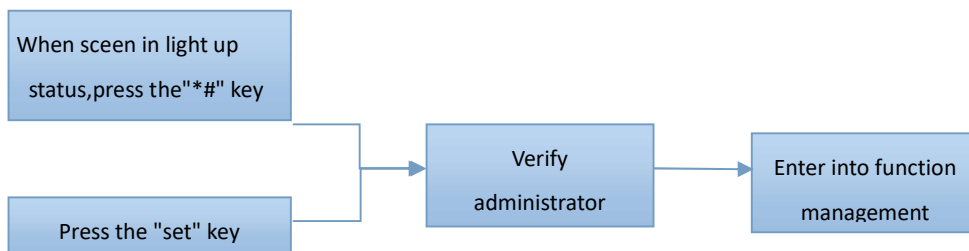
2. General Rules of Operation

We regard fingerprints, passwords or cards input as administrators verification.

```
┌─────────────────┐        ┌─────────────────┐
│ Administrators  │───────▶│ Input           │
│ verification    │        │ fingerprints,passw │
└─────────────────┘        └─────────────────┘
```

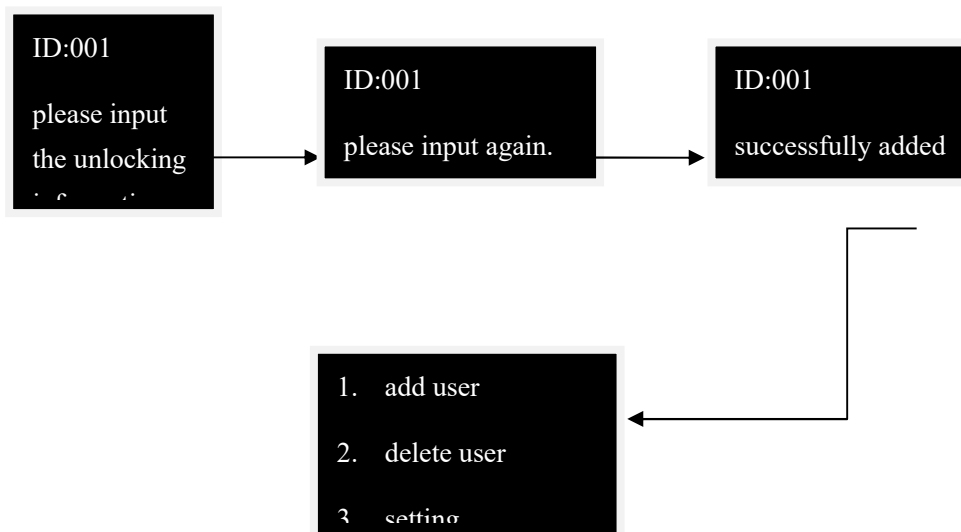"#"key is the confirm key or enter the menu function key.

"*" key is the clear key/back key.Short press the *key to clear the input when entering the password.

3. Enter Into Function Management (no network mode)

```
┌──────────────────────┐
│ When sceen in light up│
│ status,press the"*#" key│──┐
└──────────────────────┘  │   ┌─────────────┐      ┌─────────────────┐
                          ├──▶│ Verify      │─────▶│ Enter into function│
┌──────────────────────┐  │   │ administrator│      │ management      │
│ Press the "set" key   │──┘   └─────────────┘      └─────────────────┘
└──────────────────────┘
```

In initial status,light up the screen and press "*#" key or press the"set" button in the back panel to enter into the entry management.Then the screen shows"ID:001 please input the unlocking information",and the voice prompts "add the fingerprint,card or password".Once successfully added,it'll enter into the lock management system automatically.

```
┌──────────────┐        ┌──────────────┐        ┌──────────────┐
│ ID:001       │        │ ID:001       │        │ ID:001       │
│              │        │              │        │              │
│ please input │───────▶│ please input again.│──▶│ successfully added│
│ the unlocking│        │              │        │              │
│              │        └──────────────┘        └──────────────┘
└──────────────┘                                        │

                        ┌──────────────┐
                        │ 1.  add user │
                        │              │
                        │ 2.  delete user│◀─────────────┘
                        │              │
                        │ 3.  setting  │
                        └──────────────┘
```
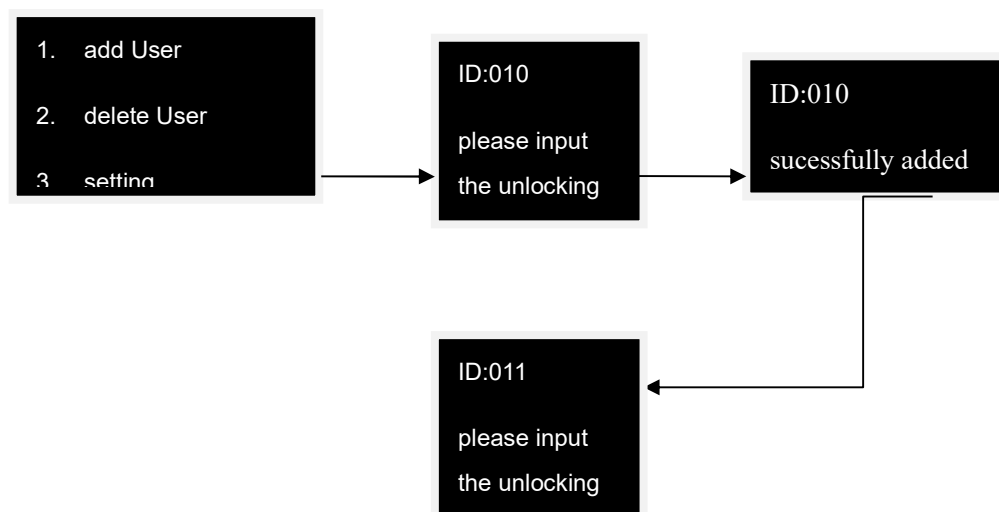
The sequence of voice prompts is:

1. voice prompts "add user".

2. voice prompts "delete user".

3. voice prompts "setting".

4. voice prompts "add administrator".

4. Add User

The user information you added can be fingerprints, cards or passwords.After enter into the system menu,please operate follow the screen display and voice prompt.

For example, the screen shows"ID:010 please input the unlocking information",and the voice prompts "add the fingerprint,card,password or remote control".Once successfully added,you can continue to add another user unlock information.

```
1.  add User              ID:010           ID:010
2.  delete User           please input     sucessfully added
3.  setting               the unlocking

                          ID:011
                          please input
                          the unlocking
```

Note:

During the user information entry,press "#" to confirm the user ID entry in sequence.

Neither fingerprint nor password can be entered repeatedly, and the password is 6 to 10 digits.The remote control information cannot be deleted individually by user ID, but can only be deleted by group.(like delete remotes or delete all general users)
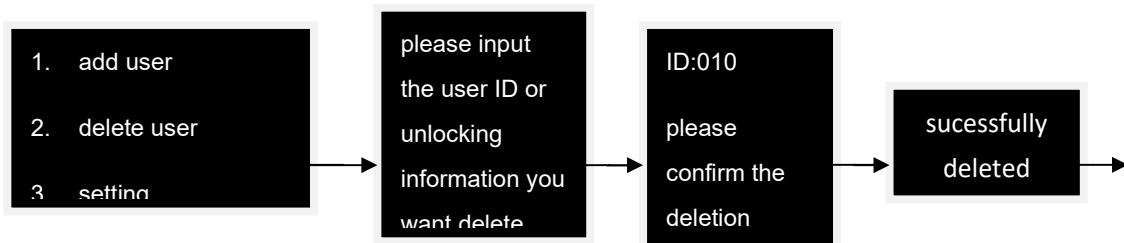
5. Delete User

You can delete user information like fingerprint , card, password or remote control. After enter into the system menu,please operate follow the screen display and voice prompt.And the screen shows"please input user ID or unlocking information you want delete",the voice prompts "please input the user ID,fingerprint,card,password or remote controlyou wanna delete".

After input the user ID you want delete,then press " * " or " # " to confirm whether to delete.

(1)Press " * " to select "×" to cancel the deletion and exit.

(2) Press" #" key to select " √ " to confirm deletion.

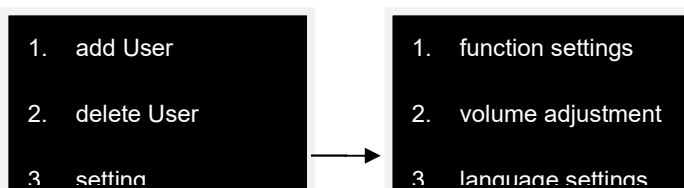| 1. add user		please input the user ID or unlocking information you want delete		ID:010 please confirm the deletion		sucessfully deleted	
2. delete user	→		→		→		→
3 setting							

6. Settings

After enter into the system menu, operate follow the screen display and voice prompt.And screen shows"1.function settings 2.volume adjustment 3.language settings 4.time settings"

The sequence of voice prompts is:

1. voice prompts "1. function settings".

2. voice prompts "2. volume adjustment ".

3. voice prompts "3.language settings ".
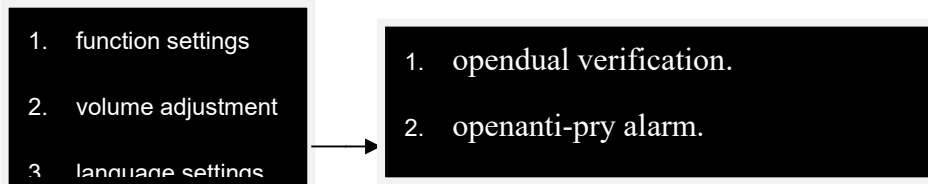
4. voice prompts "4. time settings".

1. add User		1. function settings
2. delete User	→	2. volume adjustment
3 setting		3 language settings

1) Function settings

In function settings you can choose to open or close the dual verification of unlocking information, anti-pry alarm and silent mode.Press the "#" key to repeat the voice prompts.

 The sequence of voice prompts is:

1. voice prompts "1. opendual verification of unlocking information ".

2. voice prompts "2. openanti-pry alarm ".

3. voice prompts "3. open silent mode ".

1. function settings
2. volume adjustment
3. language settings

→

1. opendual verification.
2. openanti-pry alarm.

Open the function.

1. opendual verification.
2. openanti-pry alarm.

→

set successfully

Close the function.

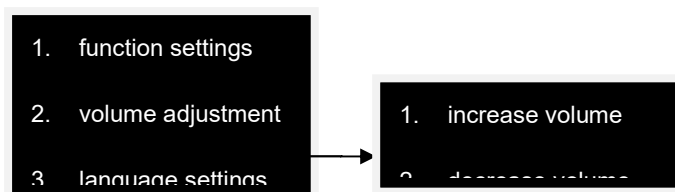| 1. opendual verification. |
|---|
| 2. openanti-pry alarm. |

set successfully

⟶

The sequence of voice prompts is:

1. voice prompts "1. closedual verification of unlocking information ".

2. voice prompts "2.closeanti-pry alarm ".

3. voice prompts "3. close silent mode ".

2) Volume adjustment.

The volume adjustment can adjust the volume of the smart lock voice prompt.

You can press key "1" and "2"to adjust the volume follow the voice prompt after enter into this set interface.At this time, the volume will increase or decrease accordingly.Press the "#" key to repeat the voice prompt.
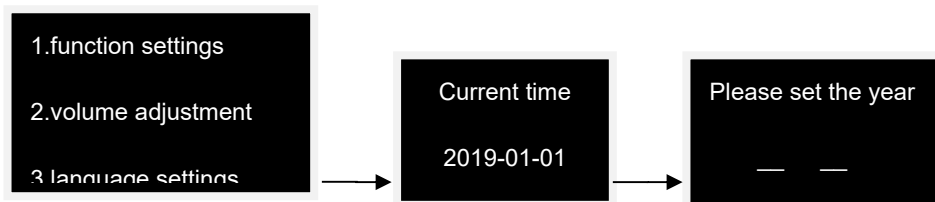
| 1. function settings |
| 2. volume adjustment |
| 3. language settings |

| 1. increase volume |
| 2. decrease volume |

The sequence of voice prompts is:

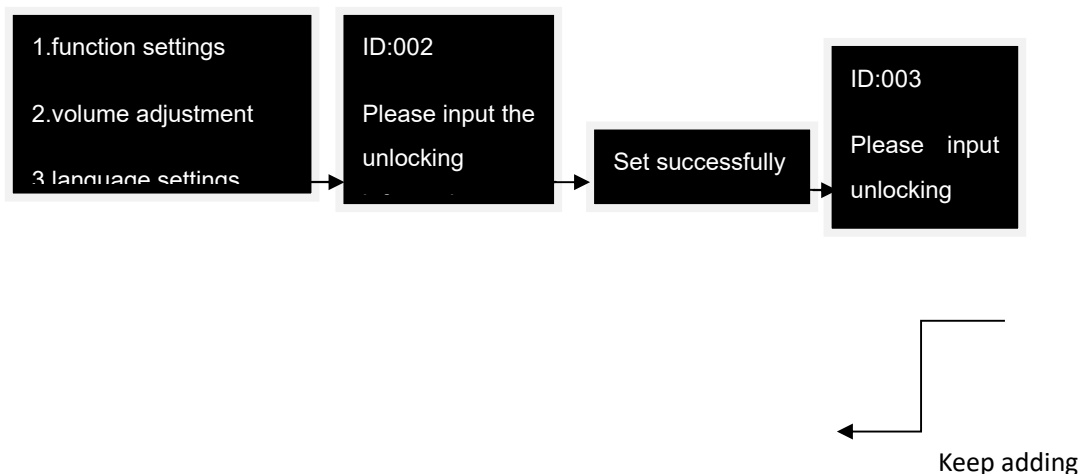1. voice prompts "1. increase volume".

2. voice prompts "2.decrease volume".

3) Time setting.

You can manage and adjust the time of the system via time setting.Once enter into time setting,the system shows and voice prompts current time. After that system enter into detail time setting interface. According to the screen words and voice prompt,set he year, month, day, and hour in sequence until it is completed. After success, the voice will prompt "setting successful".

1.function settings		Current time		Please set the year
2.volume adjustment	→	2019-01-01	→	— —
3.language settings				

7. Add Administrator

The administrator information you added can be fingerprints, cards or passwords. After enter into the settings, operate follow the screen display and voiceprompt.And screen shows"ID:002, please input the unlocking information",the voice prompts"please input the fingerprint,card or password you want to add".Once successfully added,you can add another administrator information.

1.function settings		ID:002				ID:003
2.volume adjustment	→	Please input the unlocking	→	Set successfully	→	Please input unlocking
3.language settings						

Keep adding

Note: during the administrator information entry, press "#" toconfirm the administrator ID entry in sequence. Neither fingerprint nor password can be entered repeatedly, and the password is 6 to 10 digits.
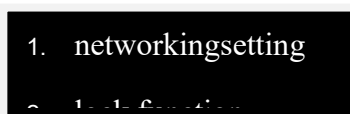
8. Enter IntoFunction Management (networking mode)

The networking mode takes effect after the smart lock is connected to the network,Once enter into function management,an independent interface different from the non-networking mode will appear for selecting network.
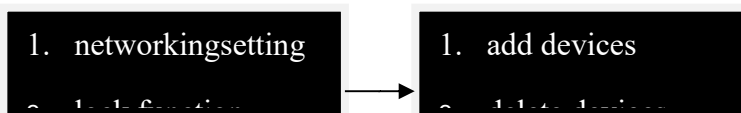
The sequence of voice prompts is:

1.voice prompts "1. networking setting ".

2.voice prompts "2. lock function "
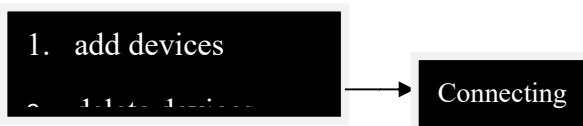
```
1.  networkingsetting
```

1) Networking setting

After successfully verifying the administrator's information and entering the lock function management, press the key to select "1 ", then enter theinterface of adding networked device, and you can let your lockconnect to networkeddevices.

```
1.  networkingsetting        →        1.  add devices
```

When you want to connect to network, press the key to select "1 " and add the device.

```
1.  add devices              →        Connecting
```
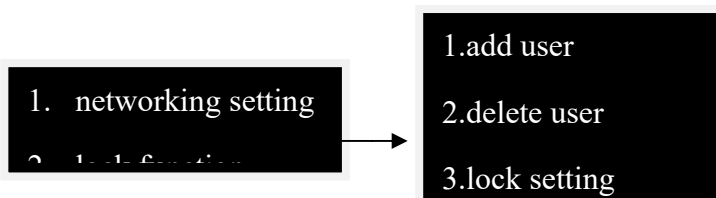
When you want exit the network, press the key to select "2" and delete the device.

```
1.  add devices
```

2) Lock function

The operation of lock function in networking mode is the same as no networking mode,for specific operations, please refer back to function management (no network mode) on page 3 to 7.

```
1. networking setting
   ┄┄┄┄┄┄┄┄┄┄┄
```
→
```
1.add user

2.delete user

3.lock setting
```

9. Maintenance Menu

Note：maintenance menu is used by installation and commissioning personnel, please proceed with caution.

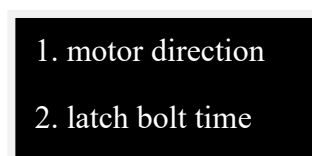There are 2 ways to enter into maintenance menu,when you wake up the keyboard of lock,

Press "888#+maintainer password ",or input maintainer password "99988777" to enter into the maintenance menu.

The sequence of voice prompts is:

1.voice prompts "1. motor direction".

2.voice prompts "2. latch bolt time"

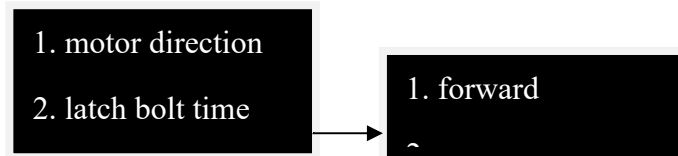3.voice prompts "3. lock in place "

```
1. motor direction

2. latch bolt time
```

1) Motor direction

Enter into the maintenance menu,you can select "motor direction" to set the forward and reverse rotation of the motor to meet the needs of opening doors in different directions.After setting, the voice prompts: "setting is successful".

The sequence of voice prompts is:

1.voice prompts "1. forward ".

2.voice prompts "2. reverse "

| 1. motor direction |
| 2. latch bolt time |

→

| 1. forward |

2) Latch bolt time

You can adjust the reversal time of emergency knob when latch bolt pops out when you open the lock. (Note: The unit of reversal time is: second, the default is 0.1s).You can set the latch bolt time via numeric keypad, for example, press "1" to set the time to 0.1 seconds, press "2" to set the time to 0.2 seconds.

Except for the "0",selectionrange from "1-9", that means 0.1 to 0.9 seconds. After setting the time, for example, select "1",the voice prompts: "0.1 second, set successfully".

| 1. motor direction |
| 2. latch bolt time |

→

| latch bolt time: |

→

| latch bolt time: |

1-9 →

The sequence of voice prompts is:

1. voice prompts "please input time level.("1" is 0.1 seconds)

3) Lock in place

The smart lock supports open and close lock in place function.After the setting is successful, the voice prompts: "Setup is successful", and you can use this function.

Note:The lock-in-place function is only supported on locks equipped with geomagnetic module. If not, system will prompt setting failure.

The sequence of voice prompts is:

1. voice prompts "open lock-in-place ".

2. voice prompts "close lock-in-place ".

4) Auto test mode

When smart lock needs to enter the aging test,you can wake up the keyboard and press 999# +maintainer password to enter into the automatic test mode.

If you want to exit the test mode, press "*" key to exit after the "*"key light up.

Auto test mode

10. Factory Reset

Long press the "SET" button on the back panel for 5 seconds, the system will enter into factory reset, all unlocking information and records will be cleared.After successfully reset, the initial password is 123456 (for administrator verification).

keep 5S

initialize the system

11. Other Instructions.

1) If you input wrong passwords more than 5 times in 5 minutes,the keyboard will be locked for 90 seconds, and the system will not respond to any operation within 90s. It can be released by the administrator to press the "set" key on the back panel.

2) Password anti-peep function.You can set your password like this way"xxx+password+xxx",that means you can add some unrelated numbers before or behind your password,then press"#" to confirm.Your password must be included in the content you input.

3) The system will automatically exit if there is no operation for more than 12 seconds each time

4) It will automatically alarm once youunlock when the battery voltage is lower than 6.9V, after the alarm, smart lock can be unlocked 200 times. If the times is exceeded,the system will prohibit unlocking. Please replace your battery in time.

III. **Buzzer Prompts**

Smart lock buzzer prompt graph

Buzzer	Prompt information
Long whistle	successful operation
2 short whistle	operation tips
3 short whistle	operation failed
Buzzer alarm	low voltage/illegal operation

IV. **Voice Prompts**

Smart lock voice prompt graph

NO.	Voice prompt information
1	successful operation
2	operation failed
3	successful Initialization
4	successful entry
5	successfully deleted
6	low power, please replace the battery
7	Illegal operation, the system is locked
8	please input administrator information
9	Please input fingerprint or password
10	Please input the second identity
11	Please input the ID number
12	Please input the ID number to be modified
13	Please input the ID numberto be deleted
14	Please input again
15	please select options by pressingnumber keys

16	single mode
17	dual mode
18	press "4 " for the previous option, press "6 " for the nextoption
19	available storage has been used up
20	please swipe card or input password
21	to confirm, please press "#"
22	repeated fingerprint
23	repeated password
24	repeated card
25	unlocked
26	locked

V. Add Mobile App User

1. Open your mobile phone and INSTALL the TUYA APP from PlayStore.

2. Connect your mobile phone to home WIFI and open the APP we offered.

3. Click "My device" on the "Me" page on the right, and then click the "+" in the upper right corner.

4. Click "Door lock" to enter into the page of adding a door lock, and then click "smart networking".

5. Set the password for remote unlocking of the user (not less than 4 digits).

6. On the device connection page,input the home WIFI account and password, don't click " Next " for now.

7. Enter IntoFunction Management (networking mode) in the smart lock system, then enter the "networking settings" interface, and then enter "add devices".

8. Then you can click " Next " on the APP on your mobile phone.

9. Wait for the connection, after successful connected, check the smart lock module on the mobile APP to complete the connection.