

# Smarty 3D FaceRecognition Instructions

## 1. Warm reminder

- 1.1 After installation of the smart lock, the mechanical key must be placed outside; Do not leave all inside the house (it can be placed in a private car, parents' or children's home, or office). This is very important, in case of the lock have problem, otherwise can only damage the smart lock, resulting in accessories damaged will not have free warranty please remember.
- 1.2 The fingerprint sensor, the camera window and the led screen should be regularly wiped clean with a dry cloth; do not use hard, sharp objects engrave the surface of the smart lock.
- 1.3 Please close the door for first recording of face ID or fingerprints, in order to get the optimal position for face ID or fingerprint verification, the same face ID or finger can be recorded as different users, the identification rate will be better and faster. Please stand 40-50cm far from the smart lock for face ID recording or put your finger lightly on the fingerprint sensor, it is no need to press too hard. If fingerprint hard to be identified, please put your finger on the fingerprint sensor for a while, don't leave your finger from the sensor too quickly.

## 2.Product layout

2.1 This product divides the user type into:

- a) Administrator users: up to 9 administrative users can be set up, and administrator have the highest level of administrative permissions. Beside unlock the door, meanwhile, the administrator have the right to add, delete users and access the settings menu.
- b) Ordinary users: An ordinary user is limited to unlocking the door.

2.2 External USB emergency power supply: When running out of the battery, you may connect a power bank to the USB port on the front panel (near to the mechanical key hole) of the lock as an emergency power source.

2.3 Doorbell function: When guest presses **O** button, the doorbell will be on and the LED Screen will be active automatically and display who is outside the door.

2.4 Unlock ways: face 1D, fingerprint, IC card, password, mechanical key, single or combination verification.

### 2.5 The basic parameters

Type	Functional description	Basic parameters
Camera	Monitor	Press the bottom below the monitor to check outside situation via camera
	Video Playback	Insert TF Card, can store the door ring photos
3D Face Recognition Indicator	Facial Recognition	3D algorithm recognition
	Recognition Speed	0 . 6 s
	Face ID store capacity	20 peoples

Detecting body distance	30CM-120CM
using when no light	Infrarerd light
Detecting height	110CM-200CM
Detecting face distance	30CM-100CM
Accurate recognition	wear glasses, hat, wig, heavy ma ke-up(don't cover eyes)
Prevent copycat attack	Copycat mask, video, picture
Human body sensor	wake up it by touch keyboard

Type	Functional description	Basis Parameters
Finger print indicators	Fingerprint module	Semiconductor capacitor
	Fingerprint copycat	Uncertified
	Reaction time	<0.5s
	False reject rate	0.8667%
	Fingerprint	100 piece
System	IC Card	100 piece
	Password	100 piece
	Anti-Prying alarm	Default close(setting in system)
	Key cylinder	C-LEVEL cylinder
	Mortise	6068
Others	Micro USB	5A power bank
	Lithium-ion polymer battery	Rechargeable Lithium Batteries,5V/2A input voltage, Charging 5-8hours, the maximum battery running time is six months
	Working tern peratu re	-20--55°C
	Door thickness	30-130mm

### **3. Settings**

#### **Main Menu**

Wake up the screen by touching keyboard, press the "\*" and "#" keys to enter main menu, follow the instruction to process

(Press "2" to turn up/ press "8" to turn down/press "\*" to return/ press "#" to confirm)

1: User Setup

1-1: Admin Setup

1-1-1: Add Admin

1-1-1-1: Add Finger

Press the same finger for 5 times, once the finger has been successfully added, the voice prompt " Add successfully"

1-1-1-2: Add Card

Place the IC card near to the card reading area, once the IC card has been successfully added, the voice prompt" Add successfully"

1-1-1-3: Add Password

Enter a 6-digit password and press "#" to confirm and repeat again, the voice prompt" Add successfully"

1-1-2: Delete Admin

1-2: Normal Setup

1-2-1: Add Normal

1-2-1-1: Add Finger

Press the same finger for 5 times, once the finger has been successfully added, the voice prompt" Add successfully"

1-2-1-2: Add Card

Place the IC card near to the card reading area, once the IC card has been successfully added, the voice prompt" Add successfully"

1-2-1-3: Add Password

Enter a 6-digit password and press "#" to confirm and repeat again, the voice prompt" Add successfully"

1-2-1-4: Add Face (only suitable for model SL828/SL829)

1-2-2: Delete Normal

1-2-2-1: Delete By ID

1-2-2-2: Delete By Type

1-3: Net Setup

1-3-1: Config Net

Open your mobile phone and scan the following QR code to download the app:



After registering the user, select Lock "Wi-Fi" in "security & sensor" and connect WIFI according to the software instruction. (only support Wi-Fi network of 2.4G band), operate the mobile phone and operate the smart lock synchronously, and connect the smart lock to the network.

1-4: Query Users

2: System Setup

2-1: General Setup

2-1-1: Time & Date

2-1-2: Language Setup

2-1-3: Volume Setup

2-2: Function Setup

2-2-1: Pry Switch

Select for enable or disable for anti-prying alarm

2-2-2: PIR Switch

(only suitable for model SL828/SL829)

2-2-3; Auto Lock Time

2-2-4: Open Hold Time

2-3: Query Records

2-4: Factory Reset

3: Lock Setup (Very Important Confirm Code: 888#) 3-1: Dir Reverse

Select for left or right opening direction

3-2: Power Setup

3-2-1: Power Low

3-2-2: Power Middle

3-2-3: Power High

3-3: Turn Back Time

#### 4. Fault analysis and troubleshooting

Problem	Reason	Solution
The lithium battery is always red when charging	The battery is damaged	Replace the new battery
The LED display screen failed	Black screen	Try to take out and re-install the battery cover to resolve
	Blue screen	Try to re-connect the cable between front and back unit
Automatic raise alarm	Anti-pry switch does not pressed tightly, or because of poor quality of the door so that the switch cant be pressed tightly, resulting in a false alarm	Turn off the anti-pry switch in the system
Fingerprint recognition failed	Fingerprints pattern not clear	You can select the same finger to enter 2 times
Voice Prompt "door opened" but the door can't open and you hear the motor sound in action	m mortise quality problems or mismatch locks, or installation problem	Use key to open the door
		Re-install the lock and change mortise