

## OPTIMUS-S Fingerprint cylinder

### USER MANUAL

Please read this manual carefully

#### Setting Description

1) Our products have the function of classical privilege management. The system divide the user into: **Administrator** and ordinary **User**.

The Administrator has the privilege to add, delete and manage settings; ordinary User can only open the door if his of her fingerprint is positively verified.

The system will save Admin and User into different area for more convenient management. The Admin area can store 3 Administrator fingerprints, ordinary Users area can register up to 996 fingerprints.

2) Cylinder has two buttons at the front of it:: the one on the left side is the **SET** button with short press commands, the one on the right is the **RESET** button to restart the system software.



#### 3. Insert batteries / cylinder powered-on

Install 3 x 1.5 V AAA alkaline batteries to power on cylinder ( please pay attention to the Plus-n-

Minus positions of the batteries). The screen will show ' **Welcome to use YOUDO Smart Lock** ', then lock body will be in **standby status**.

## 4. Unlock operation

**4.1 When there is no registered Admin or User**, then anyone can start unlock operation by gently pressing any finger on the fingerprint sensor.

When you put your finger on the scanner the screen will show that " **No FP Regist. NOT SAFE**". This is because there is no Admin enrolled yet, so the system uses Factory Settings.

### 4.2 Adding Admin for the first time:

**Short press the "SET" button once (1x), you will see "Sys Config"**, Press SET button one time again and you will see **Add Admin FP**. Wait for 2 seconds, you will see text "**Add FP No 1**" and then consecutively **REGISTER same fingerprint three times (text on the screen will prompt you each time to lay finger on it)**,

Admin fingerprint was added successfully.

### 4.3 Adding second and third Admin fingerprint

**Short press the "SET" button two times**, then **you need to verify the first Admin fingerprint** you have saved in the system.

System enters into **Adding management** after two seconds and prompt you to register "**Add FP 2**", consecutively register second fingerprint three times,

Admin was added successfully. Now you can add third Admin if you want, using the same procedure.

Note: the first three registered fingerprints are automatically considered to be Admin fingers, so be wise to whom you grant the second and third fingerprint because they are also able to manage settings, add and remove users.

### 4.4 Adding ordinary user fingerprint

**Short press the "SET" button three times**, you will **see ADD User** on the screen, then you **need to verify first Admin fingerprint** you have saved in the system.

Start to register user fingerprints after successful verification of your Admin finger.

You can continue adding as many users as you want or need to register.

When you finish registering new users then just press RESET button once (1x) to confirm changes.

### 5.0 Delete single user fingerprint

**Short press the "SET" button four times (4 x)** , now you need to verify Admin fingerprint, then system shows "**Delete User 04**".

You have **2 seconds** to press user finger 04 to be deleted. Screen will show **FP No 04 Deleting**. After deletion screen will show "**Delete FP 05**". You may continue to delete next fingers, or let the system to close itself after two seconds.

#### **IMPORTANT:**

To delete particular user (let say his user FP is No. 10), you just press SET button again when you see on the screen "Delete User 04", until you reach number 10 on the screen; then **user number 10 press his finger on the scanner to be deleted**.

You may keep pressing SET button do next user number(s) is you need to delete particular users (number 13, 20 etc.).

Press RESET button 1 x (once) to confirm operation when you finish.

Note: you should keep User Records in a notebook or computer of all your users with their name and registered FP number under which they have registered their finger(s).

### **5.1 Delete all user fingerprints**

Short press SET button four times (4 x) until you see "**Delete all User**" on the screen.

Verify your Admin finger. System will delete all user fingerprints and let you know: "All User FP Deleted"

### **5.2 Delete Admin fingerprint**

**Short press the "SET" button nine times (9x)**, until you see "**RESTORE TO INIT. STATUS**"

Now you need to verify your first registered Admin fingerprint (you will see text on the screen prompting to do this), then the system automatically enters into **deleting ALL fingerprints, including Administrator fingerprints**.

**If you have Remote opener(s) registered they also will be deleted.**

**If you use Bluetooth then this connection will also be disabled.**

**Your cylinder has entered FACTORY SETTINGS, so everyone can enter your room.**

**Note: Only Admin is able to execute this operation by using his first registered Admin fingerprint number 01.**

**No other possibility exist to remove Admin fingerprint and to make system roll back to Factory Settings.**

**Note: Please make sure that you have set FACTORY SETTINGS in cylinder before you send it to us for repairment.**

### **5.3 Verify deletion**

Short press the "RESET" button once (1x).

## 6.0 Locking time

Short press the "SET" button eight times (8 x). You need to verify Admin fingerprint, then screen shows you how many seconds is present locking time (8 seconds).

Shortly press "SET" button if you want to increase locking time, one press is one second increase, etc.

The door lock motor reverse time is set successfully. Shortly press the "RESET" button.

## 7.0 Language setting

Short press the "SET" button SEVEN TIMES (7 X). You need to verify Admin fingerprint, then system enters **Language setting** automatically after 2 seconds. S

Shortly press "SET" button, the screen will show and change "Chinese" and "English"

Press SET button once (1 x) for Chinese, press twice 2 x to get back to English language.

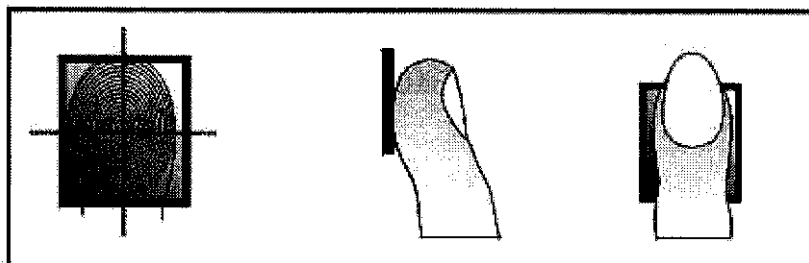
## 8.0 Unlock operation

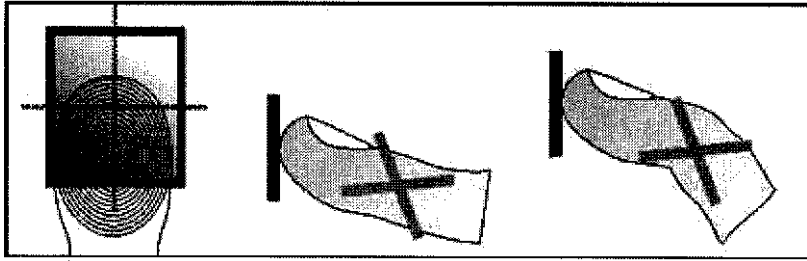
The user put the finger on the fingerprint sensor directly, system will sound a wonderful music. If matched successfully lock will open for 8 seconds to enable user to enter the room.

System will beep in quick intervals if fingerprint was not recognized. User should verify fingerprint again, or use next registered finger.

### Good to know tips:

Please gently press finger to scanner surface by touching wireless symbol to wake up the system and ensure fingerprint authentication process. Please keep fingerprint surface flat so that reader can generate image of your fingerprint skin and make encrypted code out of it. This code is then stored in system memory. Note: fingerprints will stay in PCB even if batteries run out because system uses flash memory.





**System shut down:** If continuous fingerprint validation is invalid for more than 5 times, then the system will enter into shut down state for three (3) minutes.

After three minutes the system will wake up again.

### **Precautions for use**

a/

System prompt for low battery:

When low battery, the screen will prompt “**Low battery, please change**”, the buzzer will beep, then please replace batteries in time.

b/

We suggest to register two or more fingerprints per User in case one of fingerprints cannot be used.

### **How to adjust inside spindle length:**

Use screwdriver (included in package) and unscrew small inbus (hex) screw until you can pull handle to desired length. Tighten the screw again into appropriate recess fixing position (there is a small recess made every 5 mm on a spindle).

### **How to adjust outside spindle length:**

Use screwdriver to remove round Stainless Steel cover. Now you will see plastic cover. Pull it off (see arrow symbol for right direction)..

You see three batteries: take out battery in the middle of battery holder. You will find inbus / hex screw under that battery, in the middle of the holder. Unscrew it enough to be able to pull body to desired position. Find recess most close to that position and fix the screw back.

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The Point where Life & Science interact



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