



YLI ELECTRONIC



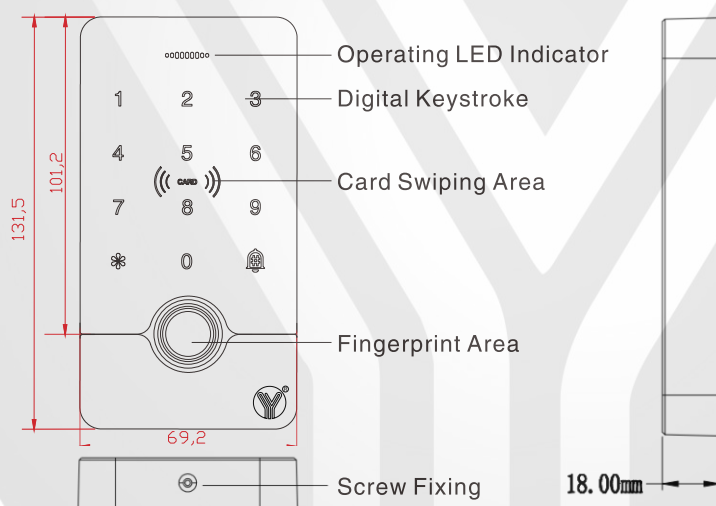
# Intelligent Fingerprint Access Controller

Model: YWF-1168

## Parameters

- Operating system: Real-time control of the operating system
- Dimensions: L131.6xW75xH18(mm)
- Case Material: Alloy Zinc
- Panel material: Acrylic Hardened Panel
- User capacity: Fingerprint: 300 ;IC card:1000; Password:1000
- Power Input: DC12V 1-2A
- Current: Static Operating Current is 80mA  
/ Operating Current is 500mA
- Communication mode: Tuya Bluetooth
- Language : Simplified Chinese / English
- Access Control Function: Door Bell / Manual
- Access Mode: Password / IC card/ Living Fingerprint
- Operating Temperature: -20 ~ +50°C
- Voice Prompt: HD Humanized Voice

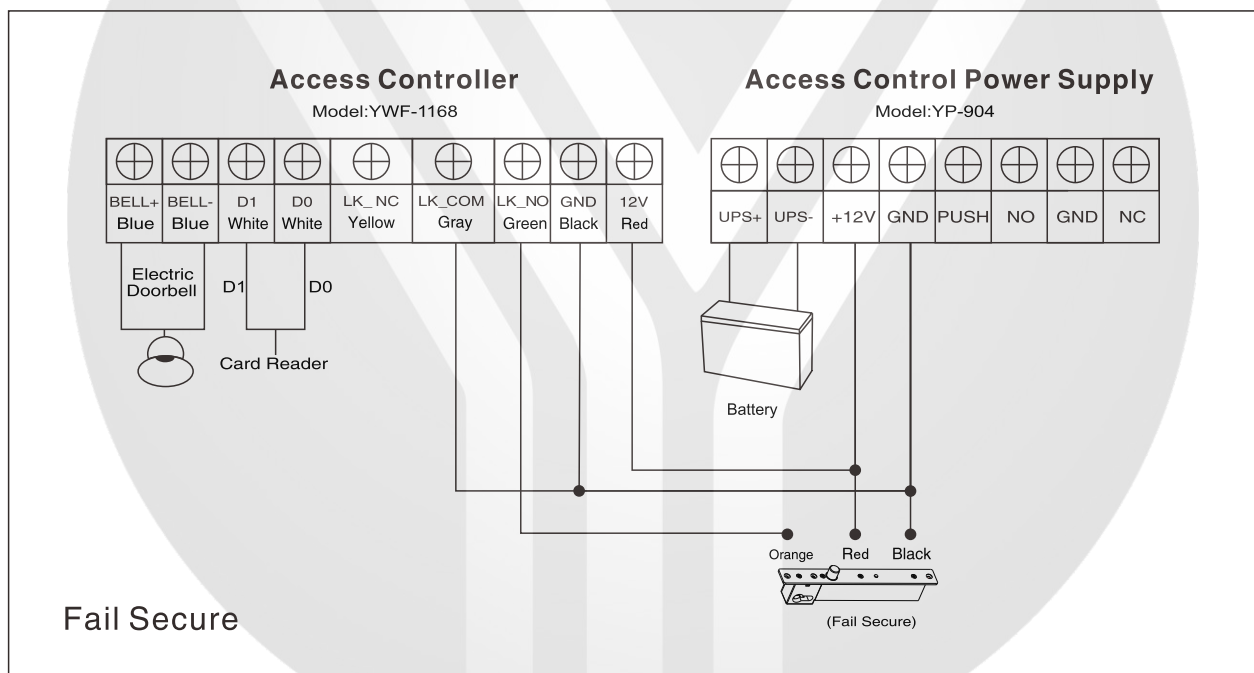
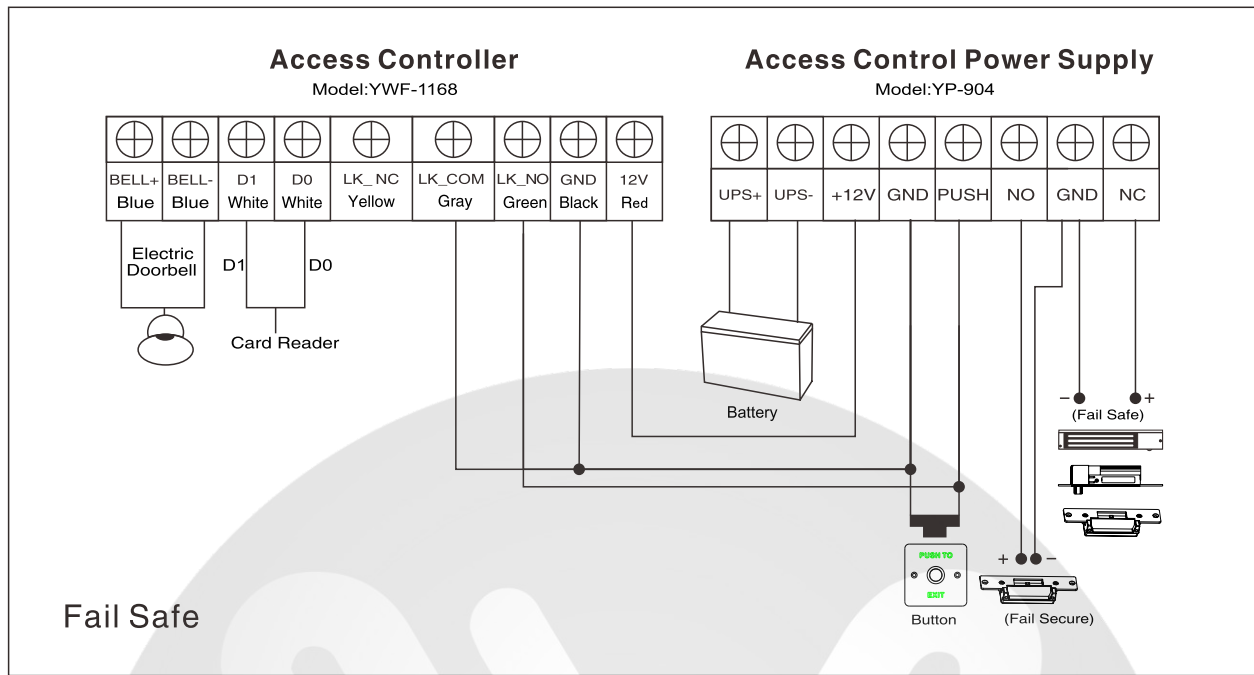
## Dimensions



## Wiring Diagram

No	Notes	Color	Function
1	+12V	Red	+ power input
2	GND	Black	- power input
3	NO	Green	Relay NO Output
4	COM	Gray	COM connection for relay
5	NC	Yellow	Relay NC Output
6	DO	White	Wiegand D0 Ouput
7	DI	White	Wiegand D1 Ouput
8	BELL+	Blue	External doorbell positive contact
9	BELL -	Blue	External doorbell negative contact

## Connecting Diagram



## LED Indicator

- ◆ Green Light Shines: Standby Mode
- ◆ Green: Success
- ◆ Red: Failure
- ◆ Purple: Normally Open Status
- ◆ Red Light Shines Quickly: Initialization is under processing

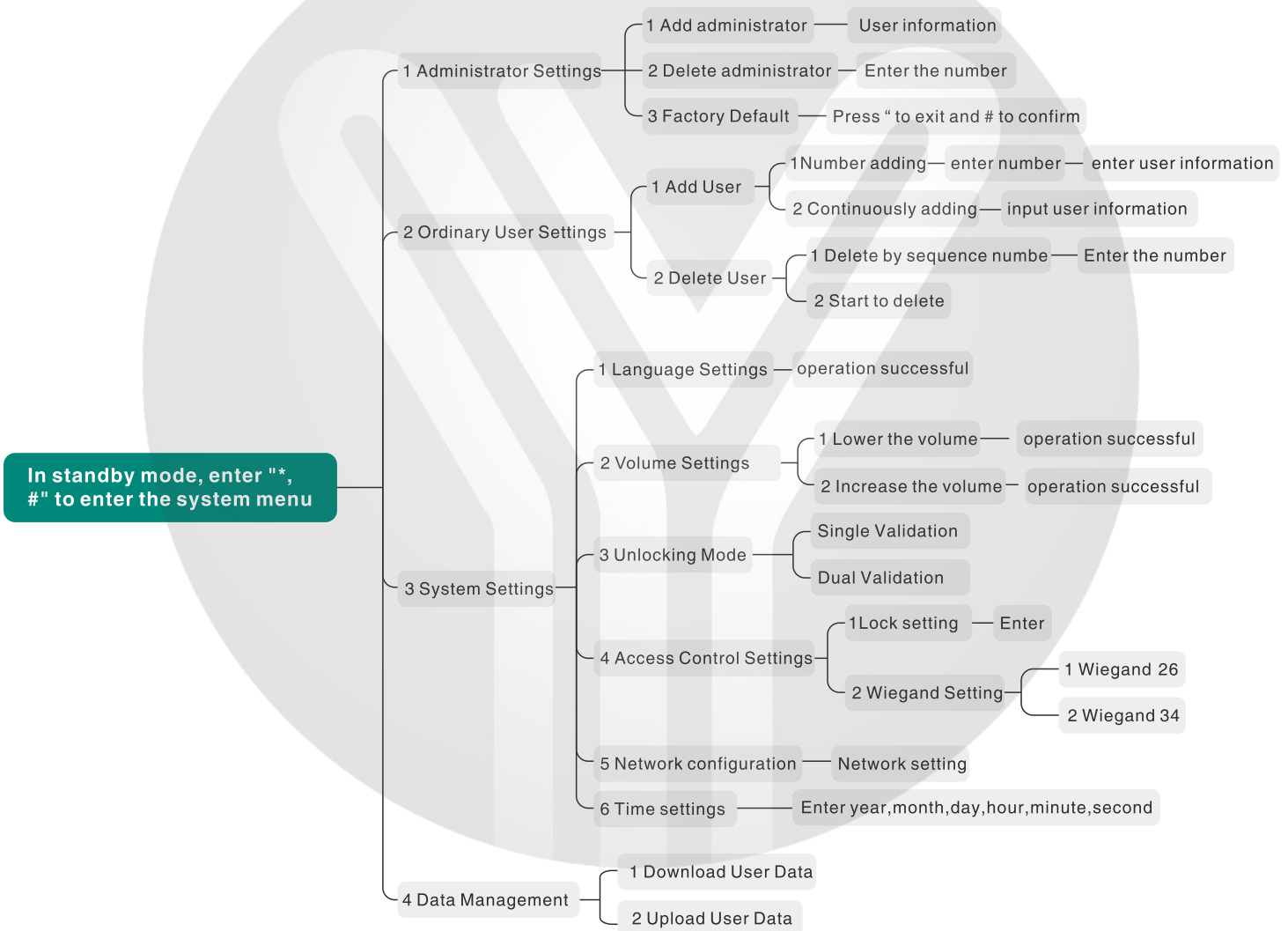
# Menu Operation

## 1、Operating Instructions

- In standby mode, enter "\*", # to enter the system menu. In the initial states and non-administrator states, enter "\*", # to directly enter the system menu;
- number of system administrators are 4 , fingerprint and passwords can be registered freely.
- Press and hold the administrator's fingerprint for 3 seconds or swipe the administrator card three times to enter the state of adding ordinary users;
- Any user can enter "9, #" within 3 seconds after unlocking to enter the normally open state. To access the item by any method in the normally open state, the item will automatically exit the normally open state .

## 2、System Menu Diagram

The system uses full voice navigation, users can enter corresponding numbers according to voice prompt to set functions. It supports navigation settings in both Chinese and English.



## 3、Normally Open Mode

- Any user can enter "9, #" within 3 seconds after unlocking to enter the normally open state. To access the item by any method in the normally open state, the item will automatically exit the normally open state
- LED indicator is purple in normally open state

# Tuya Bluetooth Settings

## 1、Download Tuya APP

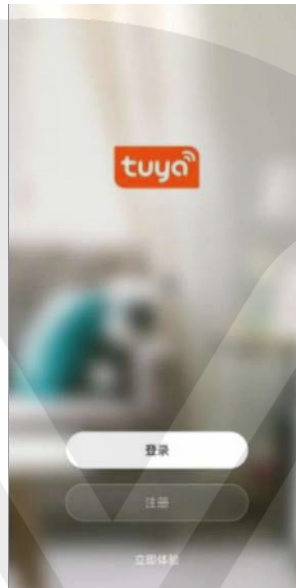
- ◆ Use phone to scan the below QR code to download APP, or search and download the APP in the APP market



Tuya APP

## 2、Registration And Login

- ◆ Enter Tuya smart app, click the login button button, enter the account and log in. The user need to register first before login



## 3、Add Device

- ◆ Enter APP and add device by clicking the “+” at the top-right, enter “add device” page, turn on Bluetooth, the android phone will be placed on the top of the homepage and will automatically search for devices for pairing.



## 4、Temporaty Unlocking Setting

- Enter homepage, click “Temporary” at the bottom to enter “Add temporary lock” page, set the time limit or a single time to unlock.



## 5、User Management

- Enter homepage, click “Family” at the bottom-left to enter “family -Associated unlock “mode, click “+” at the top-right to set device code and input other user’s data

