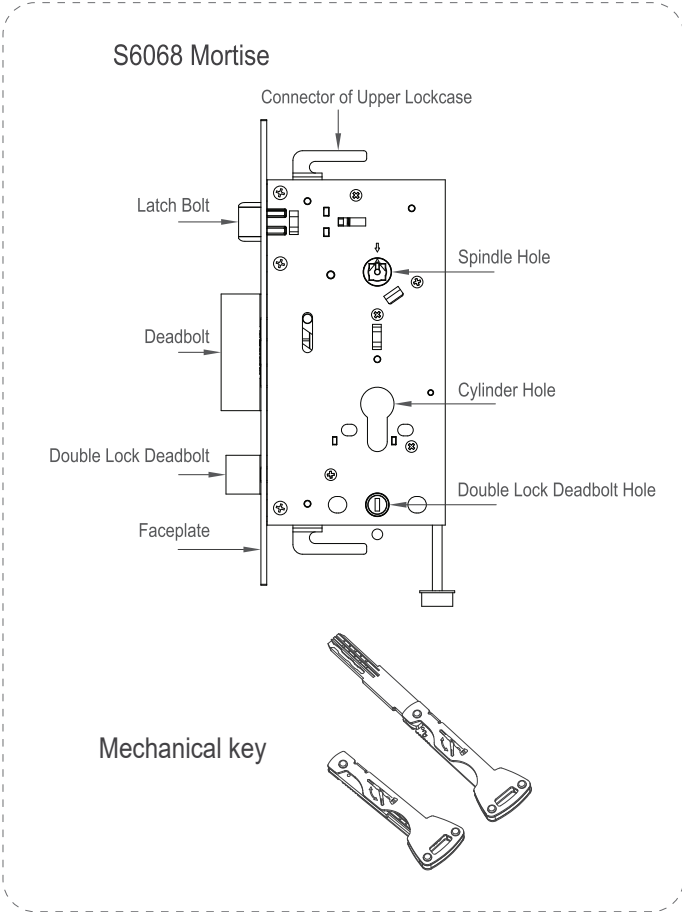
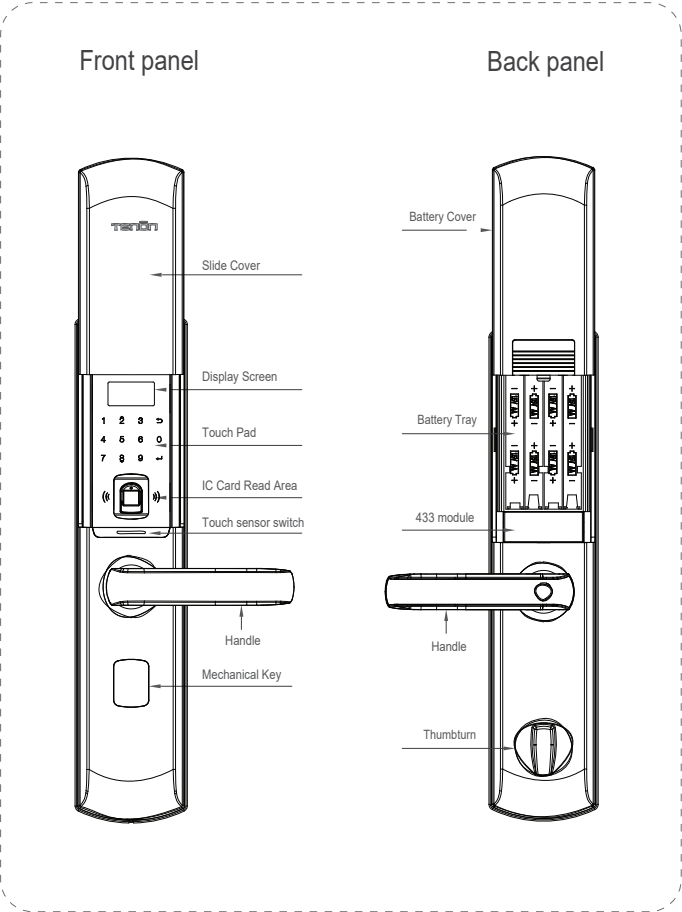


T109 User Manual

Features	
	4 unlocking ways
	Top C grade cylinder
	Biometric fingerprint reader
	Virtual password
	Anti-theft mortise(Built-in cylinder)
	The front and back plates are with associated encrytion, hard to decode by hackers
	Visualization operation system
	Low battery alarm
	Emergency power supply
	Password protection

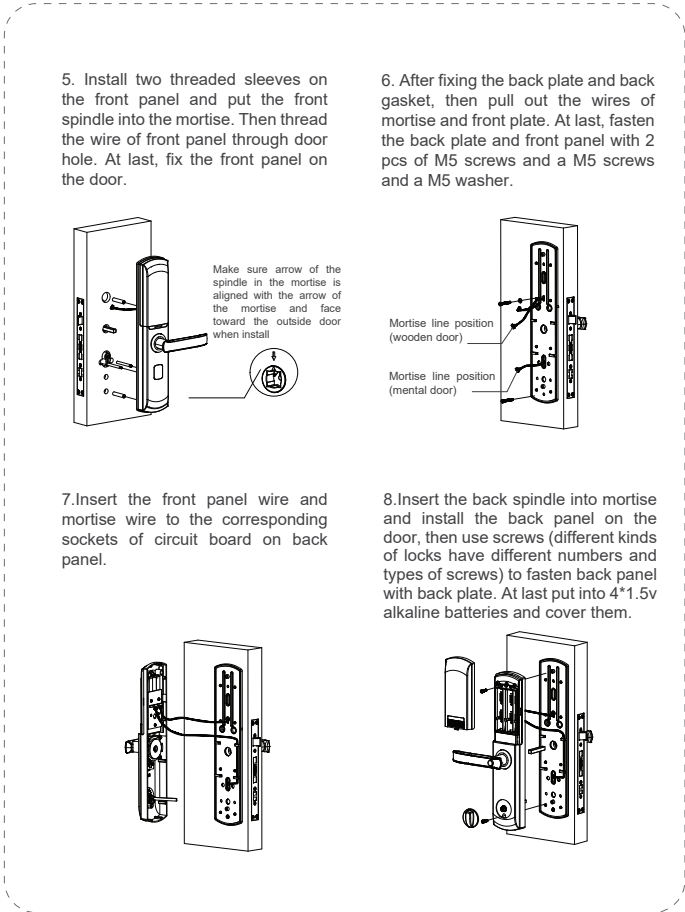
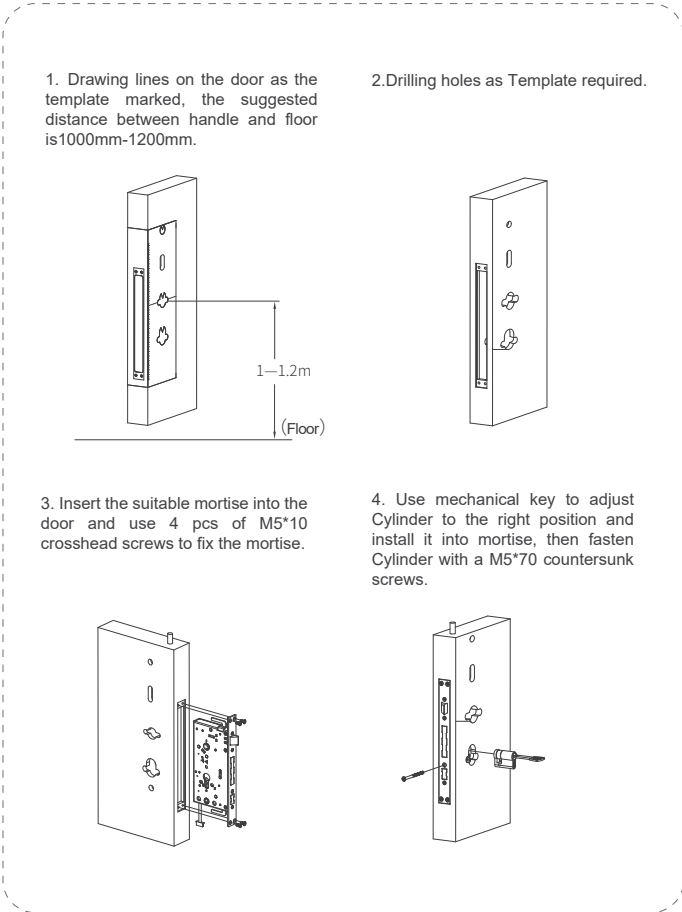
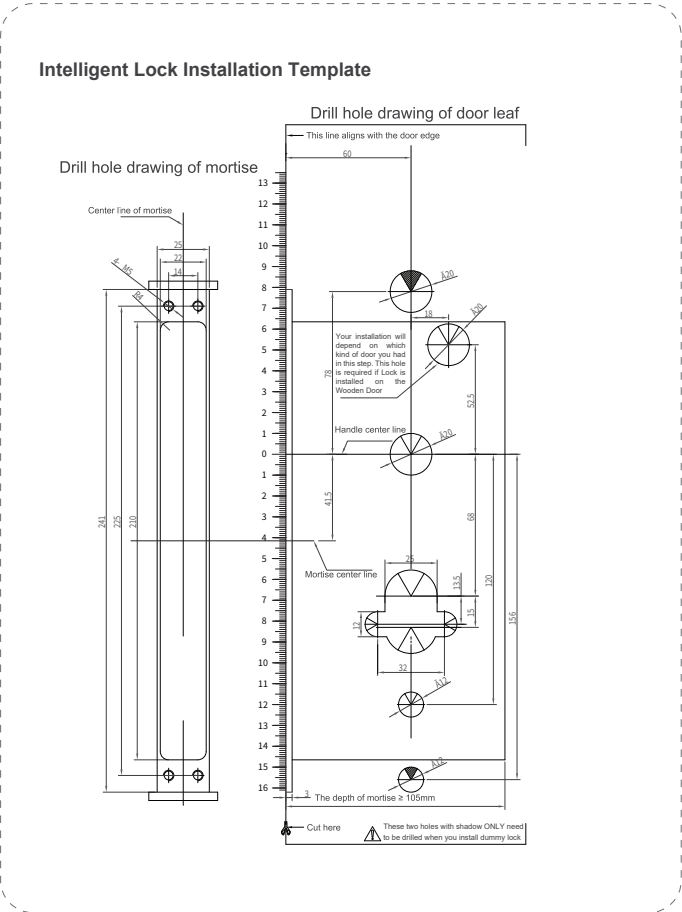
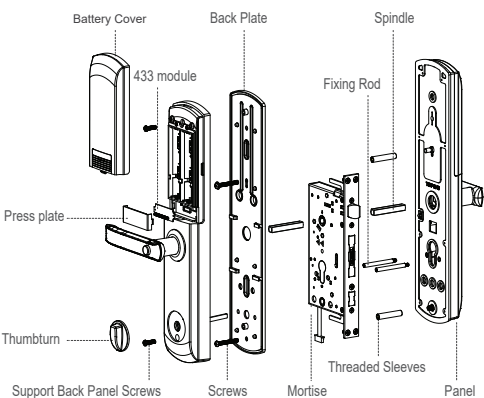
Basic Specification		
User Capacity	100 Groups	
Unlocking Way	Fingerprint + Password + Card + Mechanical Key + Remote Control (Optional)	
Operation System	M-link 4.0	
Power	Battery	4PCS* AA Alkaline Battery
	Emergency Power	5V , USB
	Alarming Voltage	<4.8V
Material	Plates	Zinc Alloy
	Mortise Lock	304 Stainless Steel
Keypad Screen	Material	Tempering Glass
Display Screen	Resolution	128*64
	Dimension	35*17.5mm
	Type	OLED
Working Environment	Temperature	-20℃ -80℃
	Humidity	20%-90%
Electric Character	Static Current	≤40μA
	Dynamic Current	≤140mA



Package Contents

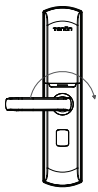
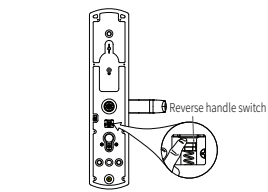
ITEM	DESCRIPTION	RED'D	NOTE
1	Front panel	1	
2	Back panel	1	
3	Mortise	1	include cylinder
4	Accessories package	1	
5	Instructions	1	
6	Template	1	
7	1.5AA Battery	4	4*1.5AA
8	Strike	1	
9	Box of strike	1	Metal door is not required

Component



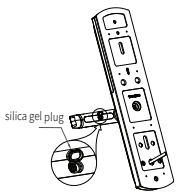
How to Reverse Handle

1. Use finger or tools to press the "reverse handle switch" down.
2. Rotate handle 180 degrees, then release the "reverse handle switch" and finish the reverse handle.

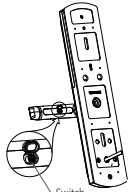


Open anti-peep function

1. Open silica gel plug which on the handle
2. Press the anti-peep button on the handle

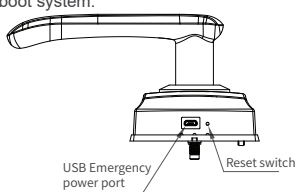


3. Slide switch and put silica gel plug in the handle



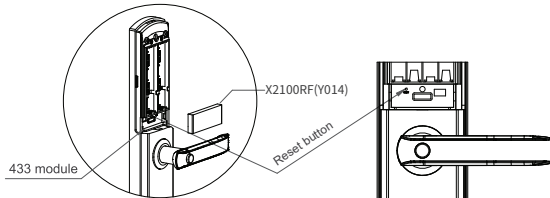
Emergency power supply and reboot system

1. If the batteries are dead, it can use the power bank connection with the Micro USB power cord to plug into the emergency interface, then open the door.
2. If the system died, it can use a small needle to press and hold the reset switch for 5 seconds to reboot system.

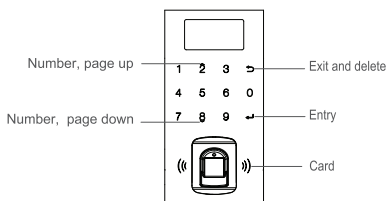


Restore default settings

This procedure will delete all user codes associated with the lock. Remove the battery cover and use needle to pore the reset button for 3 seconds when the power is on. And the screen will display "delete all user data"



Keyboard operation instructions



Note: #=*/*/* The two functions are equal on different panels

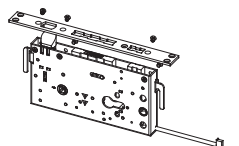
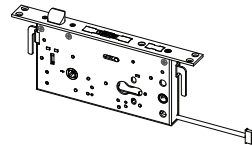
Open inward/ outward setting

According to the actual situation, the customer can set the inward and outward direction of the door. Note: Only for the trained distributor. End-user is not recommend to install

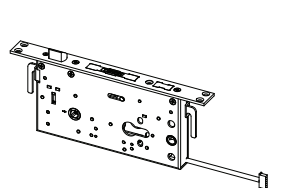
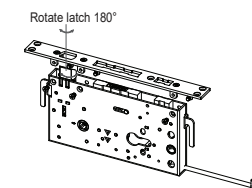
Warning: Please read instructions carefully before starting the installation! Especially the new user or installation worker.

1. All sizes drill hole drawing is only for schematic. The actual drill hole shall be operated in accordance with the sizes requirements shown on the Template.
2. Make sure operation in accordance with instructions. Be aware of missing parts or wires

1. Firstly, remove the 3M4X8 countersunk screws on the faceplate.
2. Secondly, remove the 6*M4x8 countersunk screws on the faceplate.

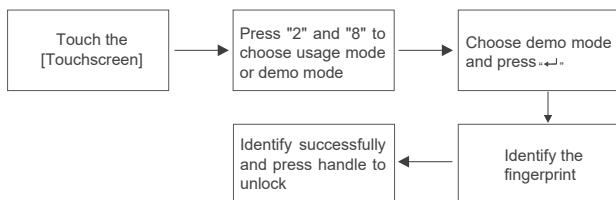


3. Thirdly, rotate latch 180° until the latch retract into the mortise



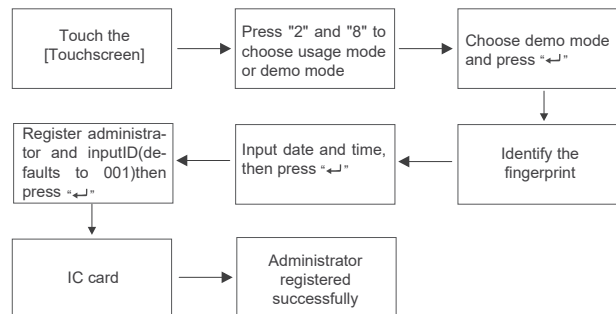
Initial operation

Demo mode



Usage mode

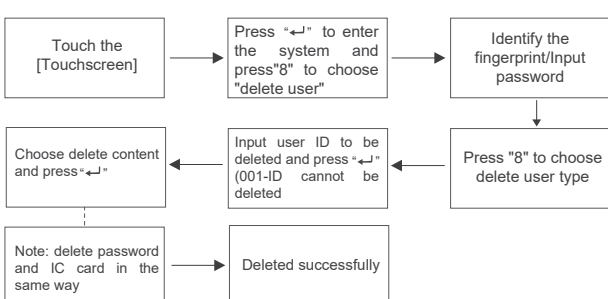
Set time and register administrator



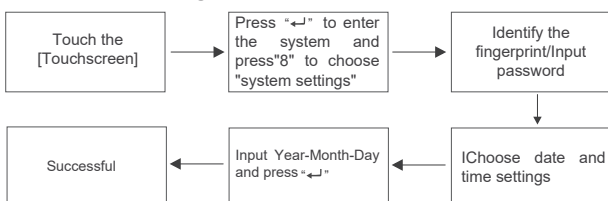
Add user

1. Administrator must set 6-8 digits password
2. The following registration way is the same
[1] Add administrator fingerprints: ID 001-010
[2] Add common user fingerprints: ID 011-060
[3] Add guest fingerprints: ID 061-100
[4] Add remote control: ID 101-108 (This function is optional and please press the remote control after input the ID)
3. Note: Access control function is limited to guest user

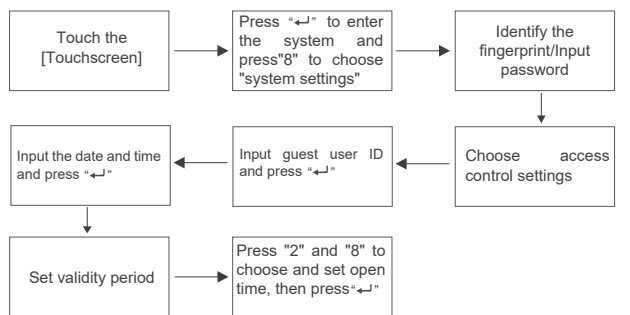
Delete user



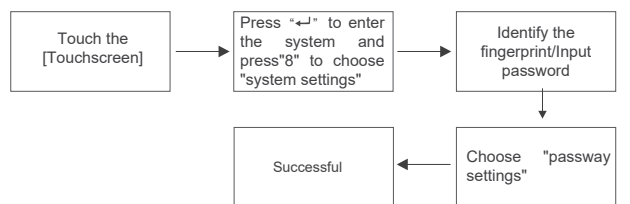
Date and time settings



Access control settings

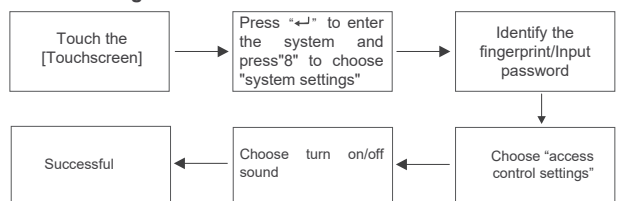


Passway settings

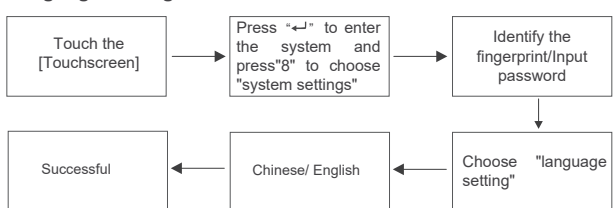


Note: setting function cannot be used in the passway state. Passway mode is automatically turned off by lifting the handle or rotate thumbturn

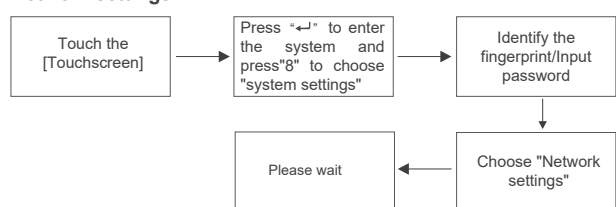
Sound setting



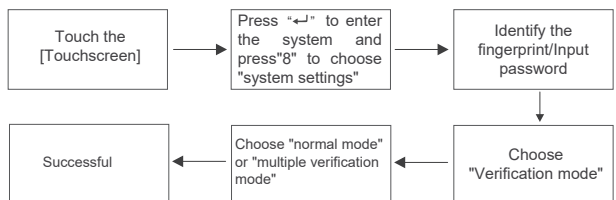
Language Settings



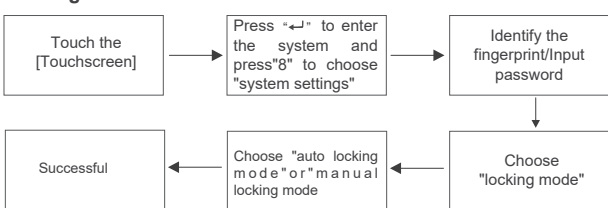
Network settings



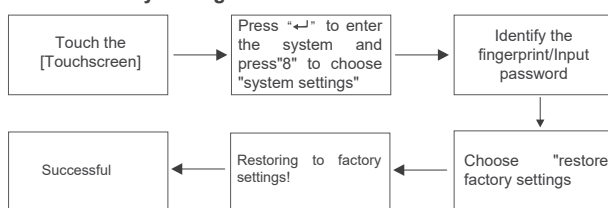
Verification mode



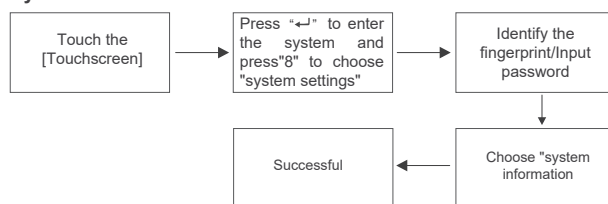
Locking mode



Restore factory settings



System information



Featured Operations

- User ID grading management
1. Administrator(01-10) can open the door and manage lock data information. In special cases, the administrator user has the highest authority.
2. Common user(11-60) only can open the door.
3. Guest(061-100) only can open the door and has time limit on access.
4. Remote control user(101-108) only can open the door.
- Locked inside function
Rotate thumbturn inside the door to lock it. No one outside the door has permission to open the door and the key cannot be unlocked.(Except the administrator)
- System reset function
If the system died, it can use small needle to press and hold the reset switch for 2-3 seconds to reboot system.
- Anti peep password
Add any numbers before or behind the real password to prevent other person to peep the real password.
- Emergency power supply
When the batteries run out, please use 5V power bank as emergency power supply for temporary opening
- Law power alarm
When the voltage of installed batteries is lower than 4.8V, there will be a sound alarm after each opening, please replace the battery in time
- Anti-prizing alarm
If someone tries to break in, the lock will sound an alarm. The methods of turn off the alarm:
1. press " " and input password.
2. press " " and input fingerprint.
3. rotate the thumbturn.
- Password protection function
Enter the wrong password five times in a minute, and the system will go into sleep mode for 3 minutes.
- Access control function
Access time can be set for guest