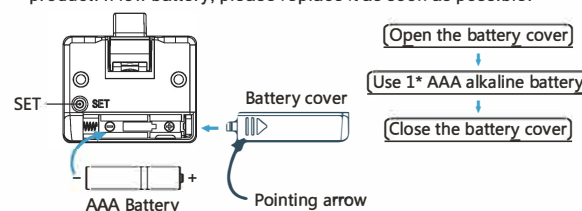USB port

Indicator Light

Read area

ZP182

1 Introduction

● ZP182 Fingerprint Lock

Fingerprint recognition technology, registration and removal of fingerprints and other functions.

Exclusive patent adjustable lock body, suitable for different installation environment.

Powered by 1*AAA alkaline battery, exclusive patented ultra-low power control circuit and lock core mechanism.
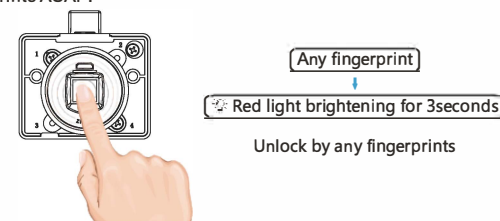
2 Battery Installation

Move the cover in the direction of the arrow and install 1*AAA battery (Be careful not to put it in reverse). Battery works normally when the blue light keep brightening. Then push the battery slider in the opposite direction of the arrow. 【1*AAA alkaline battery (Battery production date to purchase date less than half a year), unlock 20 times a day can be used for more than one year】.

The standard battery is the commissioning battery, this battery will have different performance in supplying power due to storage and transportation. Therefore, it is only used for the first time to test the product. If low battery, please replace it as soon as possible.
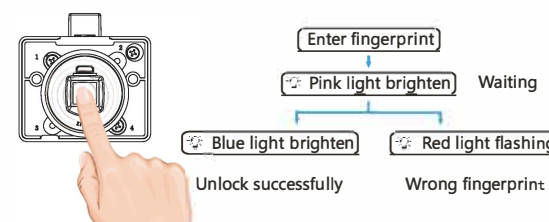
SET

SET

Battery cover

AAA Battery

Pointing arrow

Open the battery cover

Use 1* AAA alkaline battery

Close the battery cover

-1-

3 Unlock

1. Any fingerprint unlocking (factory status, demonstration, no security, please register immediately after unlocking). Press the fingerprint recognition area with you finger (until unlock or red light flash prompt is wrong). If the fingerprint is not registered at this time, any fingerprint can be unlocked (unlock to maintain 3 seconds at the same time red light long 3 seconds, red light long bright for any fingerprint unlock status any fingerprint unlock with red light instructions to warn users to register fingerprints ASAP.

Any fingerprint

↓

Red light brightening for 3seconds

Unlock by any fingerprints

2. Fingerprint registered: When the user registers at least one fingerprint, the finger presses the fingerprint recognition area (Maintain a certain amount of pressure, and must use the finger registered area to read the fingerprint recognition area press, otherwise fingerprint verification error). After the pink light is bright (the pink light prompts the user to lock the body in a waiting state). Move finger, wait for the unlock. Unlock if the fingerprint is correct (unlock for 3seconds while the blue light is long and bright for 3 seconds). And then blue light brighten means unlock successfully, red light flashing means fingerprint is wrong.

Enter fingerprint

↓

Pink light brighten   Waiting

Blue light brighten   Red light flashing

Unlock successfully   Wrong fingerprint

4 Locked

Push the drawer or close the cover door and lock it automatically.

-2-

5 Register Fingerprint

Only one fingerprint can be registered at a time, please repeat the following steps:

Step 1: Enter fingerprint for a second till the blue light flashing go to fingerprint mode.

Step 2: Input fingerprint in 6 seconds enter the same fingerprint for three times. Move your fingerprint while red light flashing, the blue light will keep brightening once the fingerprint registered successfully. The red light will flash and exit registration mode automatically when the fingerprint is wrong or over time operation.

⚠ Attention:

(1) Please make sure the fingerprint and the read area is dry and clear. (water, sweat, oil, dust ect). Three times must use the same or similar area of the same finger to fingerprint identification area press, press need to maintain a certain strength and time, otherwise registration failed.

(2) It is recommended that users register at least 2 fingerprints (reducing the risk of unrecognized fingerprints due to wear and tear on registration).

(3) Total five fingerprints can be registered. The red light will flash and exit registration mode automatically when the registered fingerprints more than five.

(4) Registered fingerprints can not be deleted or modified separately. User can delete all fingerprints by pressing the "SET" button for five seconds.

(5) Non-repeatable registration of the same fingerprint. Otherwise, when you register, press your finger for the third time and the red light flashes. Error and automatically exit fingerprint registration mode.

(6) If the red light flashes three times in the process of fingerprint registration, it indicates insufficient power and failure of registration. Please exchange the battery and try again.
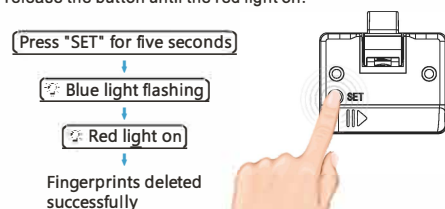
Detailed steps as below:

Press SET button for a second→ Release the button when blue light brighten→ Input fingerprint in 6 seconds, finger pressing needs to be kept for 1-2 seconds→ Red light brighten if input successfully (Move your finger)→ Blue light flash→ Input same fingerprint in 6 seconds, finger pressing needs to be kept for 1-2 seconds→ Red light brighten if input successfully (Move your finger)→ Blue light flash→ Input same fingerprint in 6 seconds, finger pressing needs to be kept for 1-2 seconds→ Blue light brighten if register successfully (Move your finger).

-3-

6 Delete All Fingerprints

Press SET button for five seconds (Where 1 seconds after the blue light flashes, regardless of the continuous holding), do not release the button until the red light on.
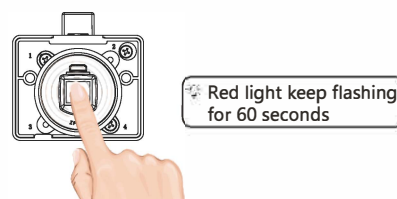
Press "SET" for five seconds

↓

Blue light flashing

↓

Red light on

Fingerprints deleted successfully

SET

-4-

7 Alarm

It will alarm if fingerprint verification errors occur four times continuously, and the red light will keep flashing for 60 seconds. Correct fingerprint can release alarm and unlock it.
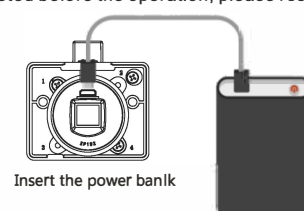

Red light keep flashing for 60 seconds

8 Exchang Battery

It indicated that the battery power is insufficient when the red light flashes 3 times after unlocking, registering or deleting fingerprints, please replace new battery immediately. If the blue light keep flashing intermittently or no response after pressing "SET" and enter fingerprint, indicating that the battery power is too low to operate, please exchange battery after emergency power supplied.

9 Emergency Power Supplied

Connect the power bank with Micro USB line insert into the USB port. (You can also plug a USB cable into the USB port with your phone's charging head).Note: The lock is without charging function, power bank is for emergency supplied only. Please unlock lock once emergency power supplied, it will be auto power off. (Charging treasure reboot to power outage only for a few seconds, restart power supply immediately after the emergency unlock, if the power is not completed before the operation, please restart again.
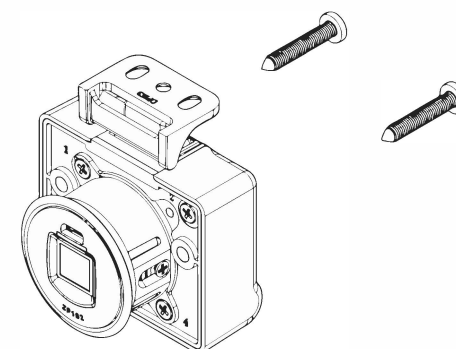

Insert the power bank

-5-

10 Common troubleshooting

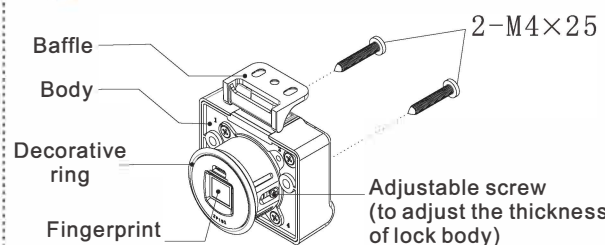| Fault phenomenon	Failure cause	Processing method
Frequent errors in fingerprint registration	Five fingerprints have been registered	Re-registration after deletion
	Low power	Emergency power supply unlock, change battery
	Indistinct fingerprint	Register with a clearly finger
	Finger or fingerprint read area (water, sweat, oil, dust, etc.)	Clean finger and fingerprint read area
	In the registration process, the fingerprints pressed successively are not identical or similar.	Press on the fingerprint identification area for three times with same or similar part of the same finger
Fingerprint verification errors frequently while unlocking	The fingerprint has not been registered.	Change to registered fingerprint to unlock.
	Low power	Emergency power supply unlock, change battery
	The finger lines are blurred and have obvious wear and tear	If more than one fingerprint has been registered, please unlock it with other registered fingerprints. After unlocking, it is suggested to delete all fingerprints and register with clear fingerprints.
	The difference between the used fingerprint part and the successfully registered fingerprint part is large.	Press the fingerprint read area with the registered fingerprint part.
	There is foreign body (water, sweat, oil, dust, etc.) in finger or recognition area.	Clean finger and read area before unlocking.
Can't unlock	Low power	Emergency power supplied with a power bank, change the batter
	Installation error is large or drawer (cover door) is not closed in place leading to mechanical jam.	One hand holds the drawer or door and keeps pushing in while the other hand unlocks, then pulls out; after unlocking, please adjust the installation according to the installation instructions.
No response to pressing fingerprint read area and setting keys	Insufficient power or bad battery contact	Emergency power supplied with a power bank, then adjust or change the battery

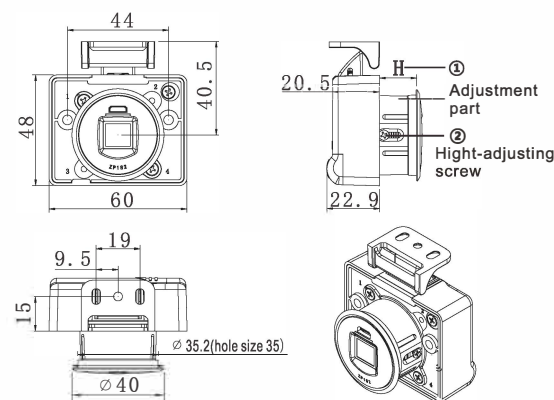# Installation Instructions

Installation method is as follows

-6-

① Packing List

No.	Name	QTY (pcs)	Remark
1	Lock body	1	
3	lock baffle	1	
4	Decorative ring	1	
6	Screws	2	M4 X 25 (To install lock body)
7	Screws	3	M3.5 X 16 (To install lock baffle)
8	Installation	1	

② Product Structure

Baffle

Body

Decorative ring

Fingerprint read area

2－M4×25

Adjustable screw (to adjust the thickness of lock body)

③ Product Size

44

40.5

48

60

20.5

22.9

① Adjustment part

② Hight-adjusting screw

9.5   19
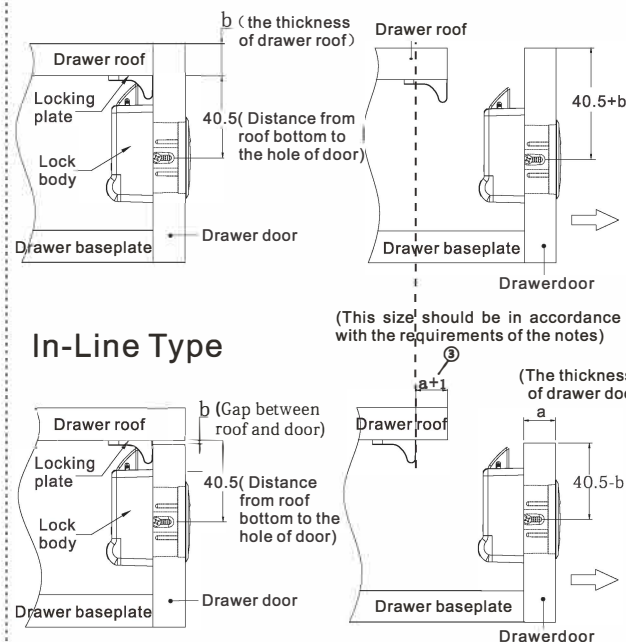
15

⌀35.2(hole size 35)

⌀40

②Height-adjusting method: Use a suitable screwdriver to loosen the screws on both sides of the adjustment part to the appropriate position, and then tighten the screws on both sides.
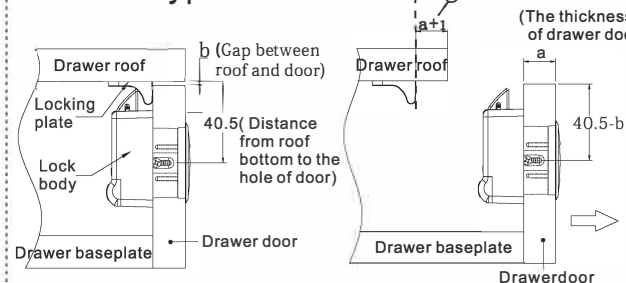
-2-

④ Drawer Installation Guidelines

4.1 Installation instructions

Full Cover Type

Drawer roof

b（the thickness of drawer roof）

Drawer roof

Locking plate

40.5(Distance from roof bottom to the hole of door)

40.5+b

Lock body

Drawer baseplate — Drawer door

Drawer baseplate

Drawerdoor

(This size should be in accordance with the requirements of the notes)

In-Line Type

Drawer roof

b (Gap between roof and door)

Drawer roof

a+1

(The thickness of drawer door):

a

Locking plate

40.5(Distance from roof bottom to the hole of door)

40.5-b

Lock body

Drawer baseplate — Drawer door

Drawer baseplate

Drawerdoor
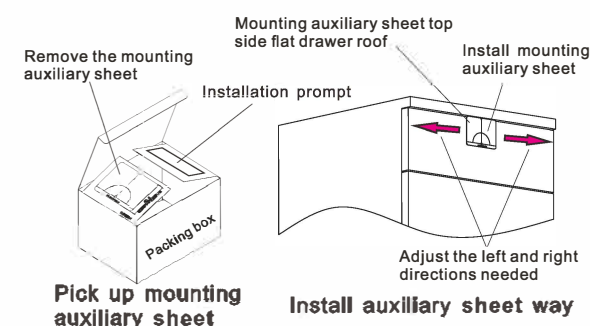
Note:③The range of size is a~a+2, it will result in failure unlock once the size is larger than a+2.
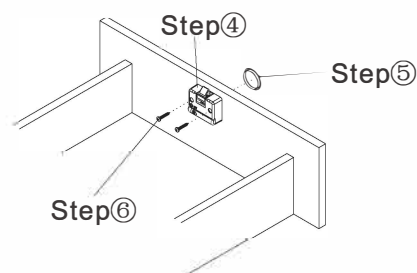
-3-

4.2 Installation lock body

① Remove the mounting auxiliary sheet from the cover of the packing box (as shown below);

② Place the mounting auxiliary sheet in the suitable position of the drawer doorfor measuring the hole site of drawer door (as shown below);

Remove the mounting auxiliary sheet

Mounting auxiliary sheet top side flat drawer roof

Install mounting auxiliary sheet

Installation prompt

Packing box

Adjust the left and right directions needed

Pick up mounting auxiliary sheet

Install auxiliary sheet way

③ Make a ⌀35mm hole on the hole site with a 35mm opener, and clean sawdust ;

④ Adjust the lock body to the appropriate height according to the thickness of drawer door(the factory height is 18 mm or 36 mm). Put the fingerprint read area into the hole from the nside of door and tighten it.;

⑤Install a decorative ring from the outside of drawer door (The decorative ring and the door panel are an interference fit);

⑥After adjusting the angle of the lock body (to make it neat), fasten the lock body and the drawer door with two pieces of M4X25 screws.
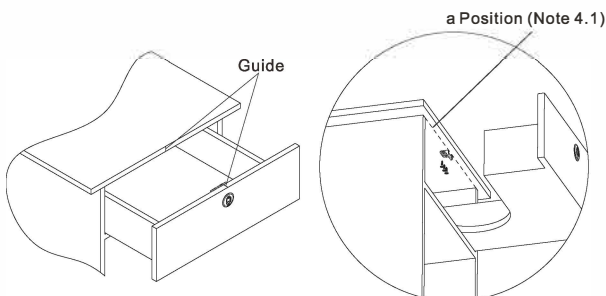
-4-

Step④

Step⑤

Step⑥

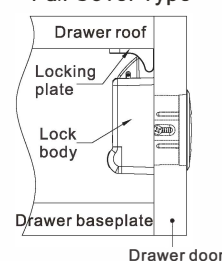(Installation Sequence Diagram)

4.3 Install Locking Cam

① Draw a line on the top plate which corresponds to the center of lock tongue, the center of locking plate coincides with the line, ensure the locking plate is on the correct position(as the drawing), tear off the glue on the locking plate. The full cover plate at the end of the distance pumping roof 0~1mm to sticky lock tablets. Embedded plate type at the end of the distance pumping roof "a"~"a"+1mm(4.1) to sticky lock tablets;

② Fixed with two M3.5*16 countersunk head screws on the elliptical holes with two M3.5*16 countersunk head screws to fixed at both ends of the locking plate, after confirming the correct position, tighten the center hole with one M3.5*16 countersunk head screw.
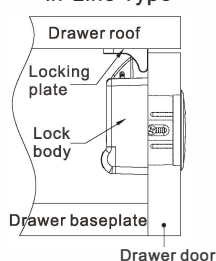
a Position (Note 4.1)
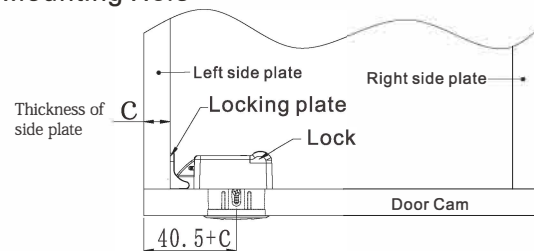
Guide

-5-

Full Cover Type

In-Line Type

Drawer roof

Locking plate

Lock body

Drawer baseplate

Drawer door

Drawer roof

Locking plate

Lock body

Drawer baseplate

Drawer door

(Installation completion instruction map)

⑤ Installation Guidelines For Swing Door Cabinet
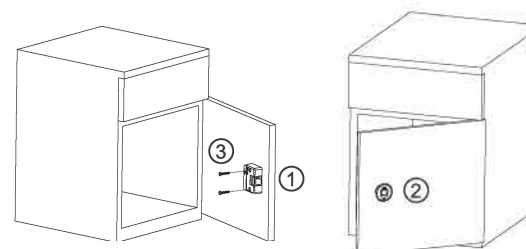
5.1 Installation Guidelines And Mounting Hole

Thickness of side plate

C

Left side plate

Right side plate

Locking plate

Lock

Door Cam

40.5+C

(Location dimension of mounting hole)

-6-

Thickness of side plate

C

Left side plate

Right side plate

Locking plate

Lock

Door Cam

40.5+C

40.5+C

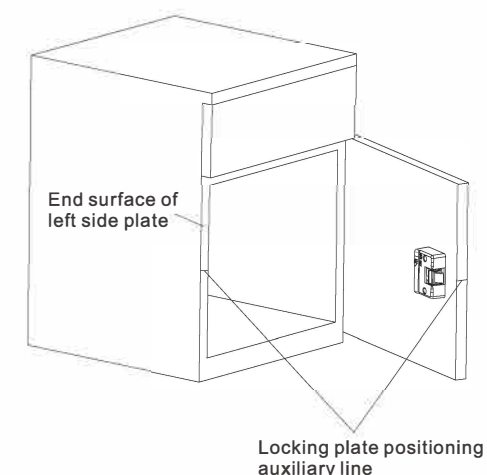40.5+C

⌀35

(Mounting hole)

5.2 Install Lock

①Adjust the lock to suitable height according to the thickness of the cabinet door plate, and the fingerprint read area of the lock body is penetrated into the hole from the inside of the cabinet door plate and tightened.

②Install decorative rings from the outside of cabinet door panels (The decorative ring and the door panel are an interference fit).

③After adjusting the angle of the lock(To make it flat), fasten the lock and the cabinet door panel with two M4X25 self-tapping screws.

③

①

②

-7-

5.3 Install Locking Cam

① Draw a line on the top plate which corresponds to the center of lock tongue, the center of locking plate coincides with the line, ensure the locking plate is on the correct position(as the drawing), tear off the glue on the locking plate, then at the position "c"(5.1) stick the locking plate into 0~1mm sticky lock tablets;

② Fixed with two M3.5*16 countersunk head screws on the elliptical holes with two M3.5*16 countersunk head screws to fixed at both ends of the locking plate, after confirming the correct position, tighten the center hole with one M3.5*16 countersunk head screw

End surface of left side plate

Locking plate positioning auxiliary line

-8-