

# Drawer Lock

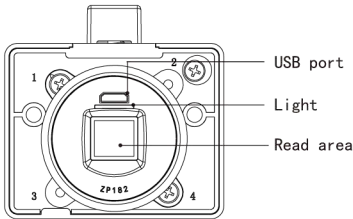
## ZP182 Fingerprint Lock

User Manual (V1.0)



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### Operation panel and the introduction



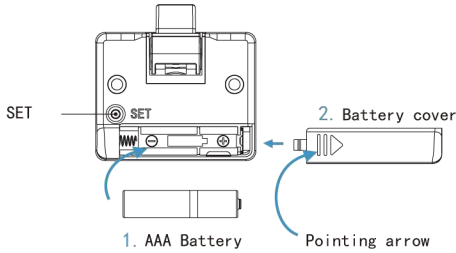
#### 1 Introduction

##### ● ZP182 Fingerprint Lock

Fingerprint recognition technology  
Exclusive patent adjustable lock body, suitable for different installation environment  
Powered by 1\*AAA battery, exclusive patented ultra-low power control circuit and lock core mechanism.

#### 2 Battery Installation

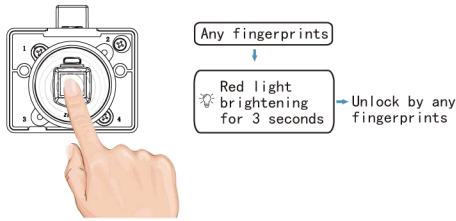
Move the cover in the direction of the arrow and install battery. Battery works normally when the blue light keep brightening.



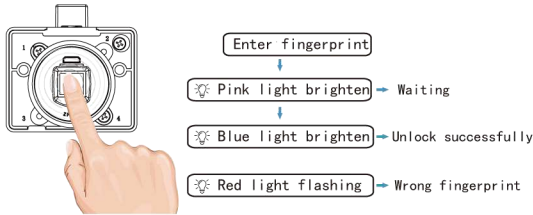
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#### 3 Unlock

Any fingerprint unlocking (factory status, demonstration, no security, please register immediately after unlocking). Please register your fingerprint as soon as possible.



Fingerprint registered: Only the registered fingerprint can be entered. Move fingerprint when the pink light brighten. And then blue light brighten means unlock successfully, red light flashing means fingerprint is wrong.



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#### 4 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  
Step 2: 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.
- (2) In order to avoid the fingerprint cannot be recognized normally, please register at least two fingerprints.
- (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.

(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.

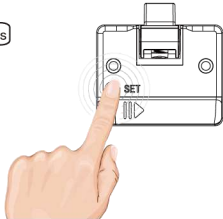
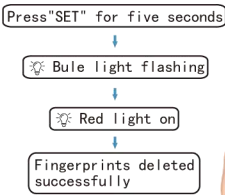
##### Detailed steps as below:

Press SET button for a second → Release the button when blue light brighten → Input fingerprint → Red light brighten if input successfully (Move your finger) → Blue light flash → Input same fingerprint → Red light brighten if input successfully (Move your finger) → Blue light flash → Input same fingerprint → Blue light brighten if register successfully

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#### 5 Delete All Fingerprints

Press SET button for five seconds, do not release the button until the red light on

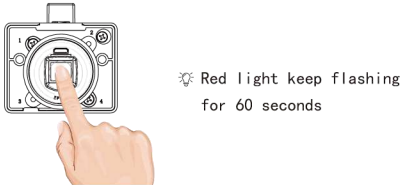


- 1 Press "SET" button for five seconds, red light keep brightening means all of fingerprints have been deleted successfully. Any fingerprint can unlock the lock after deleting the fingerprints. For safety, please register fingerprint immediately. (Note: When the battery power is insufficient, the red light flashes three times after pressing the "SET" for five seconds, indicating that the battery power is insufficient and fail to delete fingerprints, please operate after changing a new battery

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#### 6 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.

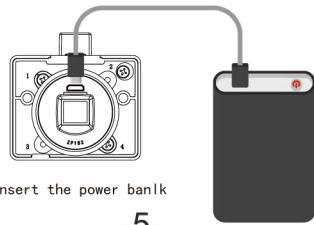


#### 7 Exchange Battery

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.

#### 8 Emergency Power Supplied

Connect the power bank with USB line insert into the USB port.  
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.



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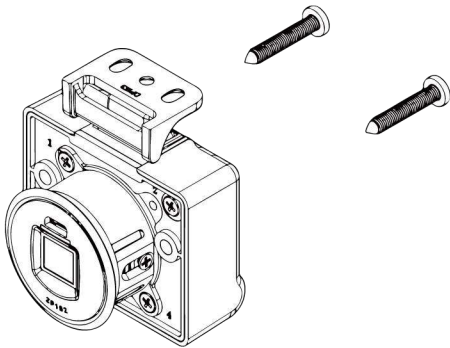
#### 9 Common troubleshooting

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	Clean finger and fingerprint read area
Fingerprint verification errors frequently while unlocking	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
	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
Can't unlock	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.
	Low power	Emergency power supplied with a power bank, change the battery
No response to pressing fingerprint read area and setting keys	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.
	Insufficient power or bad battery contact	Emergency power supplied with a power bank, then adjust or change the battery

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## Installation Instructions

(V1.0)



Installation method is as follows

ZP182 Installation Instructions

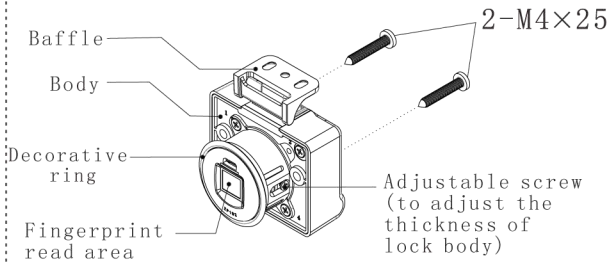
(V1.0)

Packing List

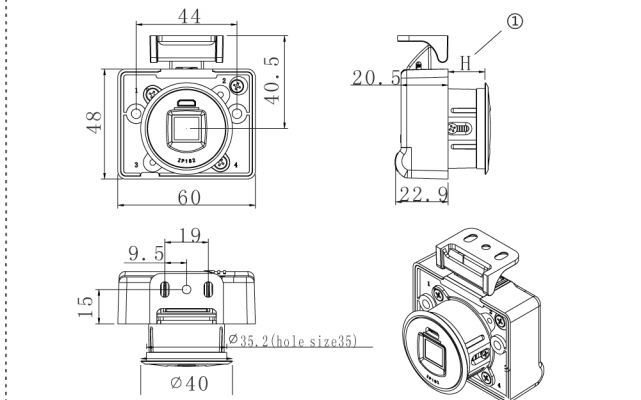
No.	Name	QTY (pcs)	Remark
1	Lock body	1	
2	AAA battery	1	
3	lock baffle	1	
4	Decorative ring (golden)	1	
5	Decorative ring (silver)	1	
6	USB line	1	For emergency power supplied
7	Screws	2	M4X25 (To install lock body)
8	Screws	3	M3.5×16 (To install lock baffle)
9	Installation Instruction	1	

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Product Structure



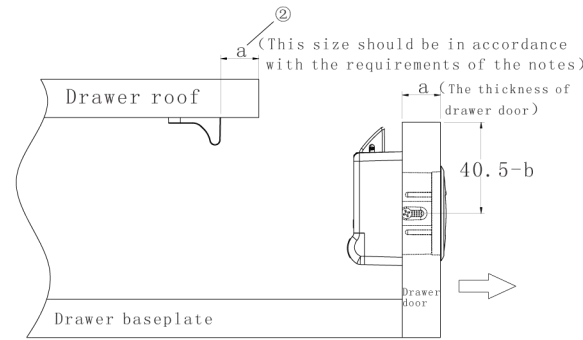
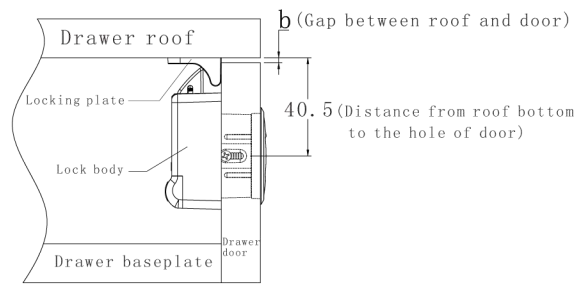
Product Size



PS:①H can be adjusted to be 16, 18, 20, 22 for the short type;  
H can be adjusted to be 30, 32, 34, 36 for the long type.

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Drawer Installation Guidelines



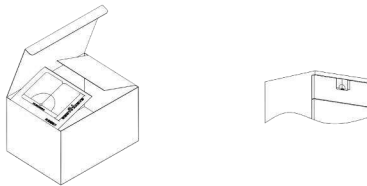
(Position size of locking plate and lock body)

Note:②The range of size is  $a \sim a+2$ , it will result in failure unlock once the size is larger than  $a+2$ .

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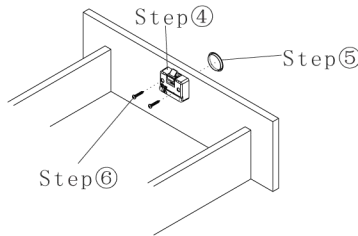
4.2、Installation lock body

- 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 door for measuring the hole site of drawer door (as shown below);



- ③ Make a  $\Phi 35$  hole on the hole site with a  $\Phi 35$ MM 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 inside of door and tighten it.
- ⑤ Install a decorative ring from the outside of drawer door
- ⑥ After 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.

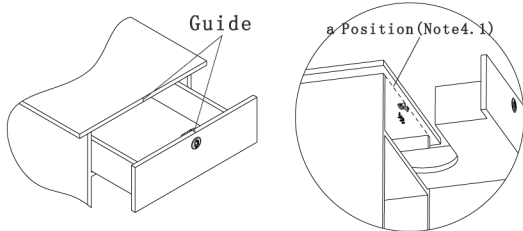
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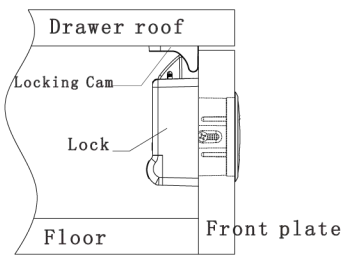
(Installation Sequence Diagram)

Install Locking Cam

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 "a" (4.1) stick the locking plate; Fixed with two M3.5\*16 countersunk head screws on the elliptical holes at both ends of the locking plate, after confirming the correct position, tighten the center hole with one M3.5\*16 countersunk head screw.

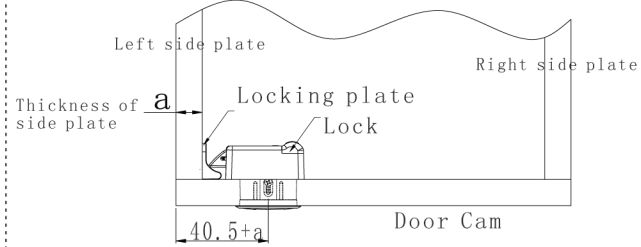


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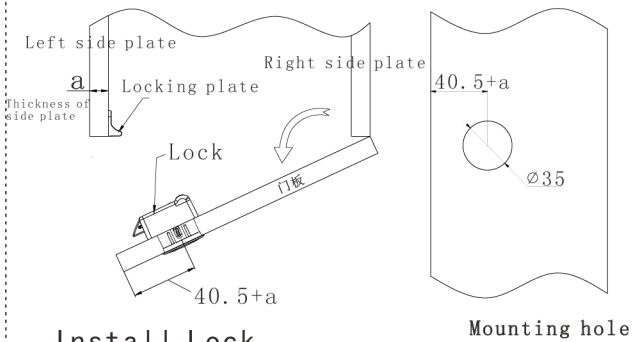
Installation Guidelines For Swing Door Cabinet

Installation Guidelines And Mounting Hole



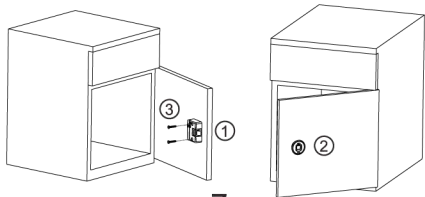
Location dimension of mounting hole

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Install Lock

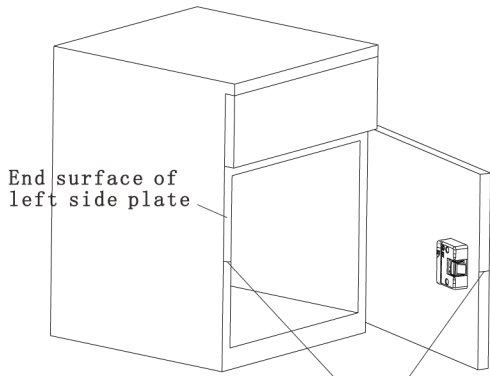
- ① Adjust the lock to suitable height according to the thickness of the cabinet door plate, and the fingerprint read area of the lock body is penetrated into the hole from the inside of the cabinet door plate and tightened.
- ② Install decorative rings from the outside of cabinet door panels
- ③ After adjusting the angle of the lock (To make it flat), fasten the lock and the cabinet door panel with two M4X25 self-tapping screws.



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Install Locking Cam

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 "a" (4.1) stick the locking plate; Fixed with two M3.5\*16 countersunk head screws on the elliptical holes at both ends of the locking plate, after confirming the correct position, tighten the center hole with one M3.5\*16 countersunk head screw.



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