

### Product Specification

<b>Average Recognition Time</b>	<b>0.5sec</b>
<b>FAR</b>	<b>1/100000</b>
<b>Spatial Resolution</b>	<b>508dpi</b>
<b>Battery Life</b>	<b>&gt;200day</b>
<b>Locking Force</b>	<b>50-60Kg</b>
<b>Size</b>	<b>88X55X25mm</b>
<b>Capacity of Fingerprint</b>	<b>20</b>
<b>FRR</b>	<b>1.59%</b>
<b>Battery Capacity</b>	<b>400mAh</b>
<b>Charging Current</b>	<b>5VDC, 1A</b>
<b>N.W.</b>	<b>203g</b>

Please read carefully before installation

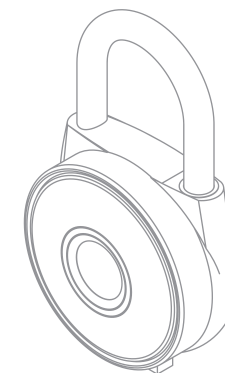
### Important !

Upon initial use of the padlock and after a reset the lock can be opened with each touch of the sensor.

The fingerprint sensor and finger that touches the sensor should always be kept clean, dry and free from grease.

The fingerprints will remain stored when the battery runs low.

It is recommended to use this product in an environment where it will not be exposed to heavy rain or salt water, or direct sunshine, which could damage the internal electronics.



### Charge the battery

It is recommended that the padlock is fully charged before registering fingerprints. Open the rubber charging cover at the bottom of the padlock.

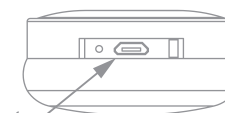
Insert the USB cable into the socket in the padlock and charge using a USB mains device or compatible mains wall plug.

The circular LED ring will light up red to indicate the padlock is charging. When the red LED turns off charging is complete.

Close the rubber charging cover



Rubber cover



USB socket

### Fingerprint Registration

#### 1. On first use

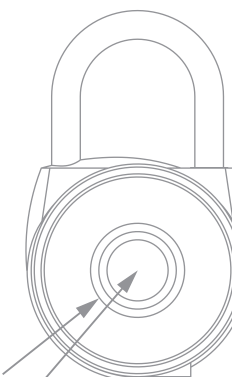
Press the fingerprint sensor to check that the battery has charged fully. The fingerprint sensor is located in the centre of the padlock. The circular LED ring around the sensor will light up.

If the LED BLUE lights up – Normal power. Lock is ready.

If the LED PURPLE lights up & BEEP sounds– Low power. Lock can still operate. Charge required.

If the LED PURPLE lights up and stays on – Very low power.

Note that if the padlock does not operate normally at anytime– please charge the battery.



Circular LED  
Fingerprint sensor



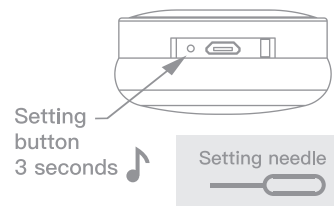
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## Fingerprint Registration

### 2. How to set up ADMIN Fingerprints

Note that the first 3 registered fingerprints are all ADMIN fingerprints. ADMIN fingerprints can be used to unlock the padlock and to authorise new user fingerprints.

- 2a** Set up the first ADMIN fingerprint. Using the setting needle provided, press the setting button (located under the rubber charging cover) for 3 seconds until 1 beep sounds and the LED BLUE lights up.



- 2b** Press the fingerprint sensor. 1 triple beep will sound and the LED GREEN flickers. The LED BLUE lights up.

Fingerprint is authorised & ADMIN registration is now ready.

Note: If the LED RED flickers with no beep sound the sensor has not detected the fingerprint. Try again.



- 2c** Press the fingerprint sensor a further 4 times. 1 beep will sound and the LED GREEN flickers each time the sensor is pressed. On the final press a triple beep sounds. ADMIN registration is complete.

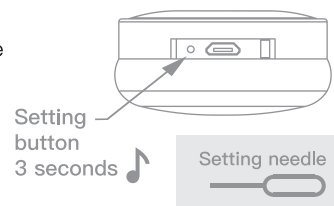
Note: For the 2nd ADMIN fingerprint to be registered step 2b must be done using the 1st ADMIN fingerprint. For the 3rd ADMIN fingerprint to be registered step 2b can be done using either the 1st or 2nd ADMIN fingerprint.



### 3. How to set up USER Fingerprints

Note that an ADMIN fingerprint will be required to authorise the register of new fingerprints on the padlock.

- 3a** Using the setting needle provided press the setting button (located under the rubber charging cover) for 3 seconds until 1 beep sounds and the LED BLUE lights up.



- 3b** Press the fingerprint sensor with a registered ADMIN fingerprint for authorisation. The LED BLUE flickers. Registration is now ready.



- 3c** Press the sensor with a USER fingerprint. If the LED GREEN flickers and 1 beep sounds registration is valid.

Now press the sensor a further 4 times with the same USER fingerprint. 1 beep will sound and the LED GREEN flickers each time the sensor is pressed. On the final press a triple beep sounds. USER registration is complete.



Note: If the LED RED flickers with no beep sound the sensor has not detected the fingerprint. Try again.



## Unlocking the Padlock

Press the fingerprint sensor with a registered fingerprint.

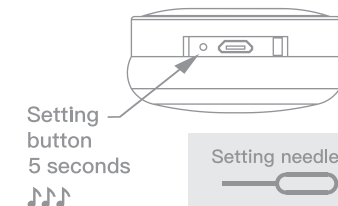
If a triple beep sounds and the LED GREEN flickers, validation is ok and the padlock will open.

If a single beep sounds and the LED RED flickers, validation has failed. Press the fingerprint sensor again with a registered fingerprint.



## Deleting all fingerprints (reset)

- A** Using the setting needle provided, press the setting button (located under the rubber charging cover) for 5 seconds until 3 beeps sound and the LED RED lights up 3 times.



- B** Press the fingerprint sensor with a registered ADMIN fingerprint. A triple beep sounds and the LED green flickers. All fingerprint data has now been deleted and the padlock has been reset.



## Low battery indication

If the LED PURPLE flickers and 1 beep sounds the padlock requires charging. Use the USB cable provided to do this.

## Notes

Recharge the padlock if it does not operate normally at any stage of operation. If the problem persists, reset the padlock.

When registering fingerprints it is recommended that you press your finger on the sensor in different positions so that the fingerprint data is fully collected.

When the padlock has been reset there is no data saved, any fingerprint can be used to unlock.



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