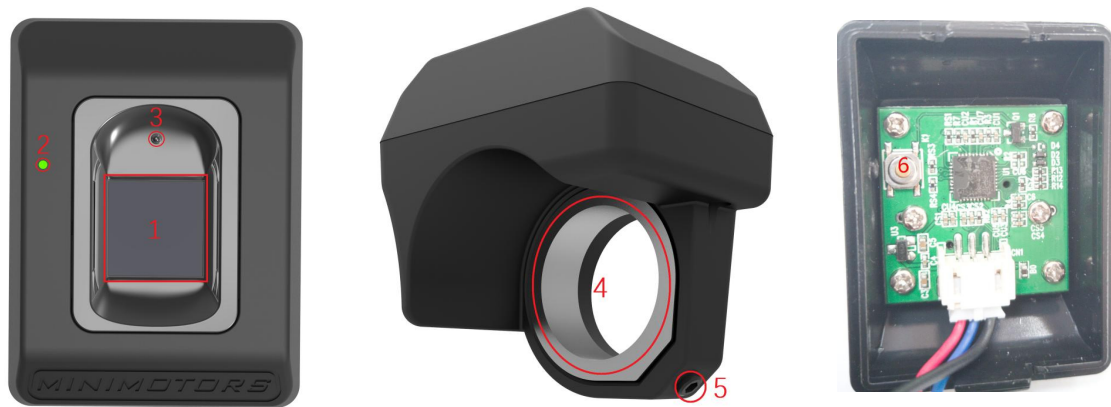


Fingerprint Scanner Manual

1.Appearance



Description:

1. Fingerprint Info Collection Area
2. Status Indicator
3. Positioning Point
4. Fixed Aluminum Ring
5. Lock Screw
6. Reset Button

2.Electrical Parameters

- ◆ Voltage Resistance: $DC5V\pm0.5V$;
- ◆ Working Current: $\leq 50mA$;
- ◆ Sleep Current: $\leq 3mA$;
- ◆ Maximum Input Voltage: $100V$;
- ◆ Maximum Output Current: $1A$;
- ◆ Socket: $4Pin*1$ (Power positive, Earth line, input and output);
- ◆ Initialization button (Backdoor Operation) .

Note : Do not record Electrical Parameters in the user manual for customers,especially No.6 and No.7

3. Fingerprint Database Parameters

Maximum 40 pieces of fingerprint data (The first 3 pieces are registered as Administrators.The other37 pieces need to be authorized by administrators if they are not registered together with administrators).

4. Descriptions of Functions:

◆ Power-on:

Turn on the scanner,the status indicator flashes 3 times with blue light and the circuit works correctly.After 15-second absence of signal input(fingerprint info registration),the status indicator powers off and the scanner is locked. The time limit is strictly 15 seconds.

◆ Fingerprint Registration:

1. Press the fingerprint info collection area.The status indicator will shine once with green light as confirmation of authority iff the user is administrator.Hold position for 5 seconds until the indicator shows solid blue light.Loosen finger and the indicator shows a fast flicker of blue light,the registration progress starts.Note:if the fingerprint database is empty,any effective fingerprint will be registered as administrator.
2. Press the first finger for info collection.If it is registered successfully,the indicator flashes once with green light.Otherwise,the indicator flashes with red light.
3. Press once more if the indicator flashes with red light.Please note,duplicate info could lead to the same situation.
4. Repeat step2 and 3 until fingerprint info has been successfully collected 4 times;
5. The status indicator will flash with green and blue light at the same time after the fingerprint info is successfully collected for the fifth time and the fingerprint data is completely registered.
6. The time interval between each collection is limited to 15 seconds.The procedure will fail if it takes over 15 seconds for each step.In this case,you need to reset the scanner and start over from step 1.

◆ Data Deletion (Normal way)

Administrator press the fingerprint collection area for 10 seconds and the indicator shows firm red.Loosen finger to erase the database. (Note:do not move

fingers when the indicator flashes with blue light. Otherwise the fingerprint registration process begins)

◆ Data Deletion (Backdoor Operation)

Press the reset button for 20 seconds. User can override administrator authority to erase the database.

Attention: never state this description in user manual for end customers.

Zhejiang Minimoto's Bike Co., Ltd.

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