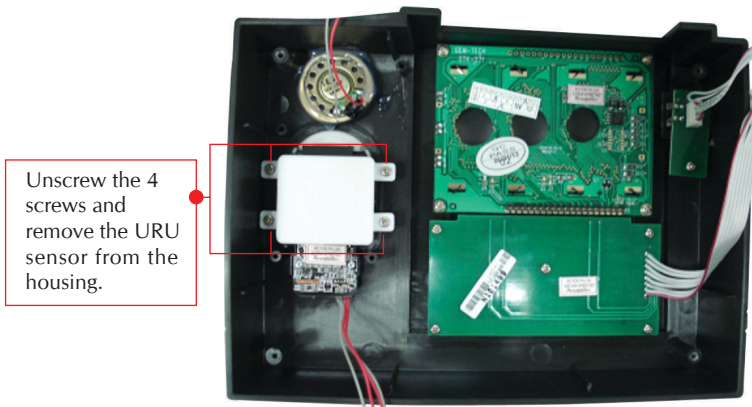# HARDWARE
CHANGING THE PRISM OF URU SENSOR
SUGGESTIONS & SOLUTIONS FOR HARDWARE

The prism of sensor could be changed in case of spoiled or defective. Please follow the steps to change the prism.
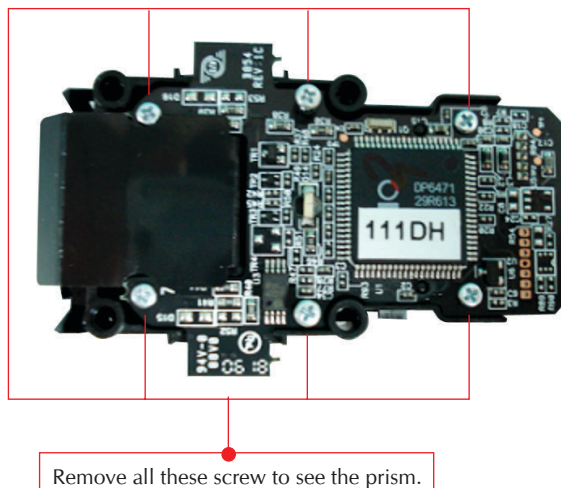
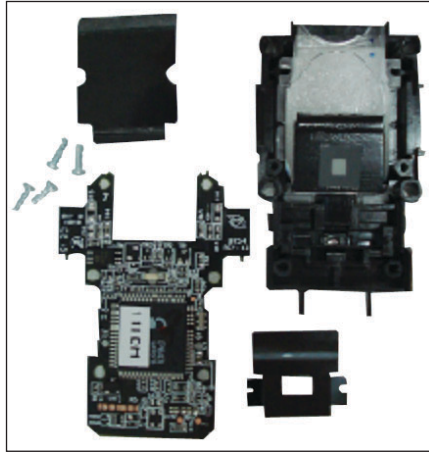## Step 1

Remove the plastic holder for URU sensor.

Unscrew the 4 screws and remove the URU sensor from the housing.

Step 2

Remove the screws at the back of URU sensor.

Remove all these screw to see the prism.

Step 3

Remove the prism.

Step 4

Replace the prism.

Replace this prism with the new one.

NOTE :

The URU sensor doesn't need the scanner calibration. After replace the prism, you may use the reader as usual.

Adjusting Image of Fingerprint
Step 1
Connecting the UrU 4000 sensor to computer through USB port
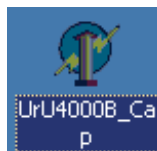

UrU4000 sensor USB cable

UrU4000 sensor removed from AC100 Plus

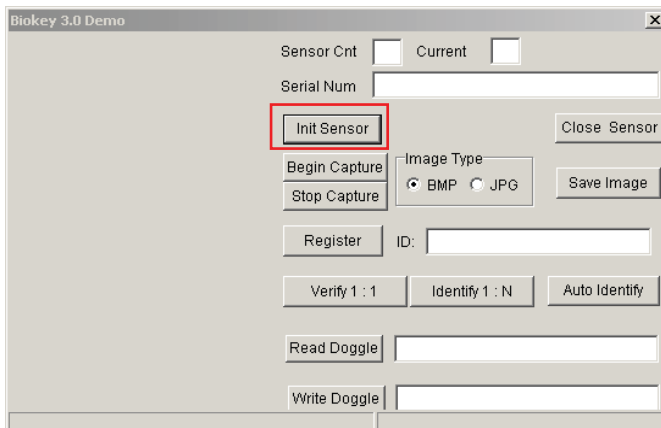Connect the USB cable to the UrU4000 sensor and computer.
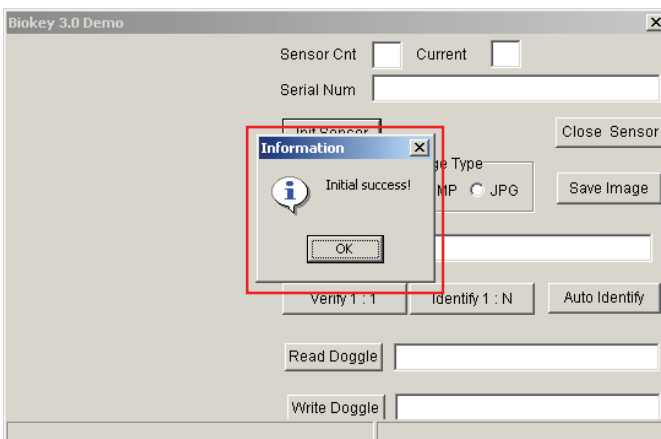
Step 2
Run the UrU4000B_cap

Double click to start to run this application.

Step 3

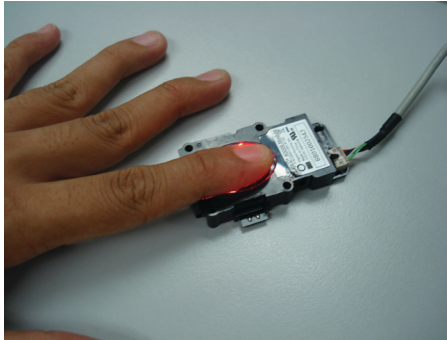Initialize the UrU4000 sensor

Click this button to initialize your UrU4000 sensor.

Click OK to proceed.

Step 4

Scanning the first fingerprint image

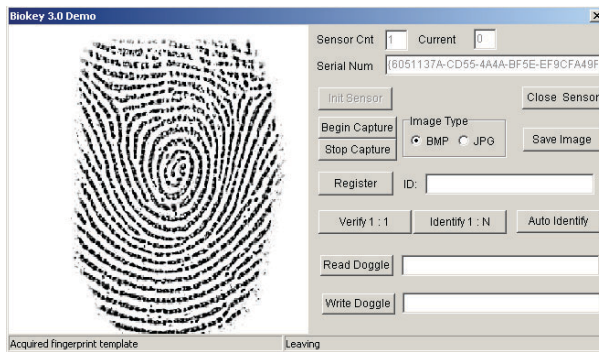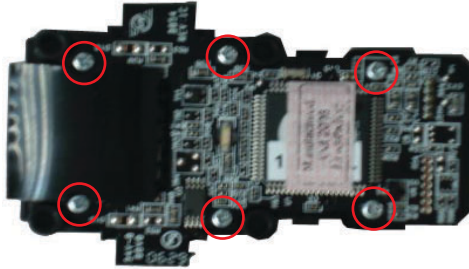Place finger on the scanner to capture fingerprint.

Image of fingerprint will show on screen. You may need to check the image and notice its position.

Image is not in good position, because there is area can not captured by sensor.

Step 5

Adjusting the position of sensor PCB

Try to loosen or tighten the screws, to locate the sensor PCB to a better location. Please make sure the screws are not over tightening or too lose.
You can press on the sensor, and try to notice the position of PCB is not moving, if the screws are well tighten.

Step 6
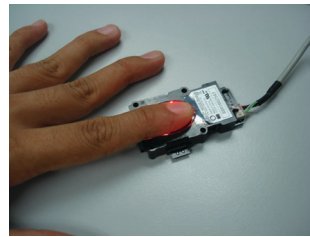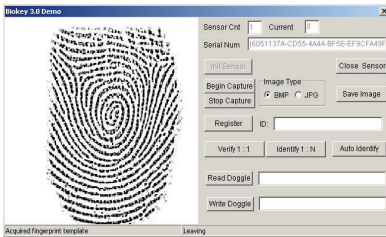
Rechecking the image by placing same finger on the scanner

Image captured is better because entire fingerprint is well captured.