

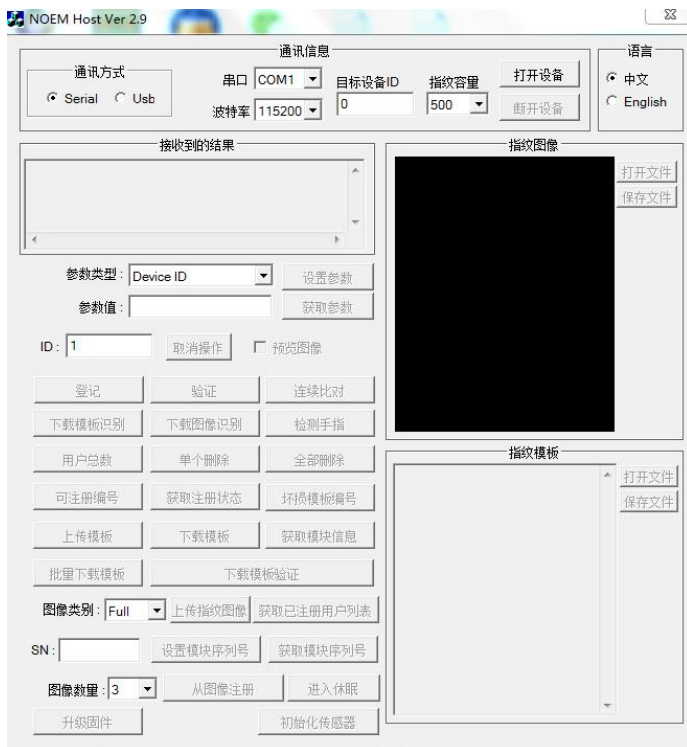
Get Firer of fingerprint image guide

Step1: Connect Firer to PC by USB Line.

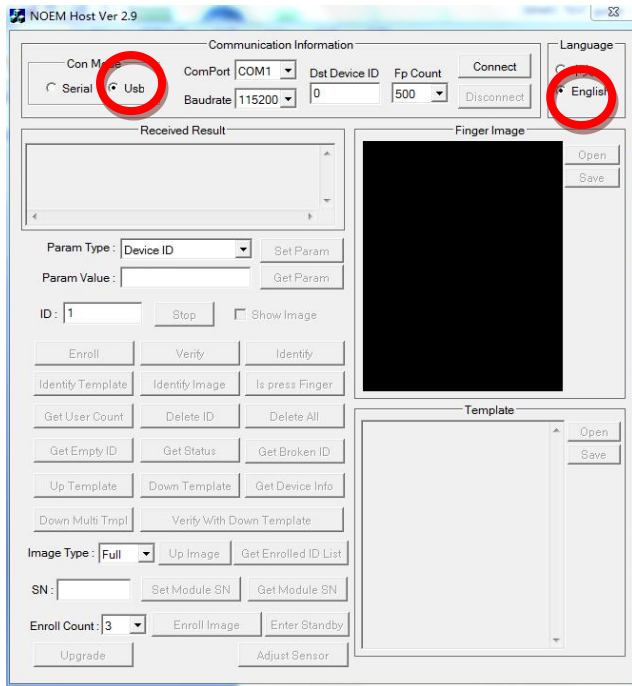
Step2: Double click “DEMO.EXE” in windows.



Than get test interface:

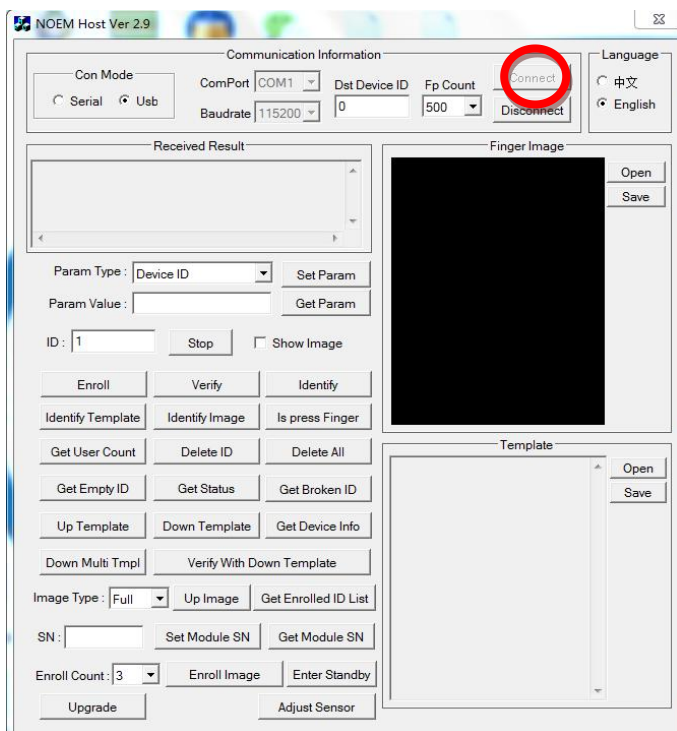


Step3: Select “USB” and “English” icon:

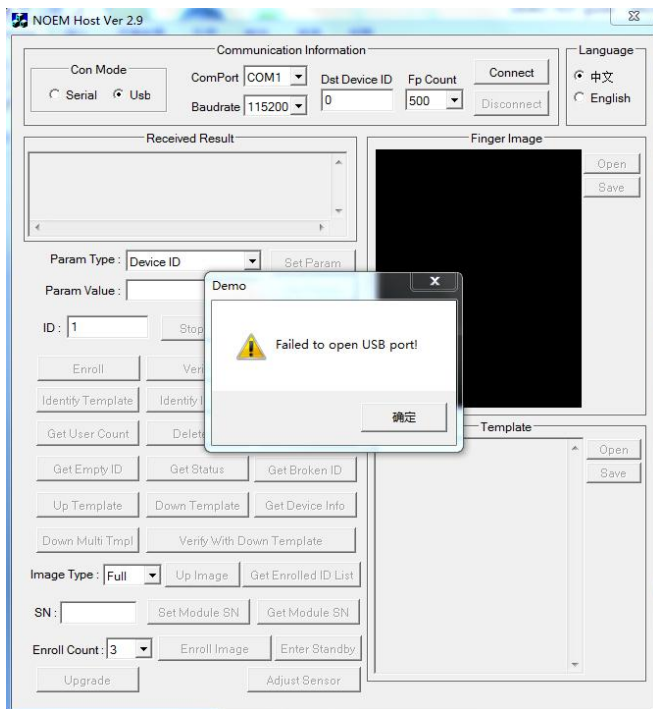


Step4: Push Fingerprint handle, open the power.

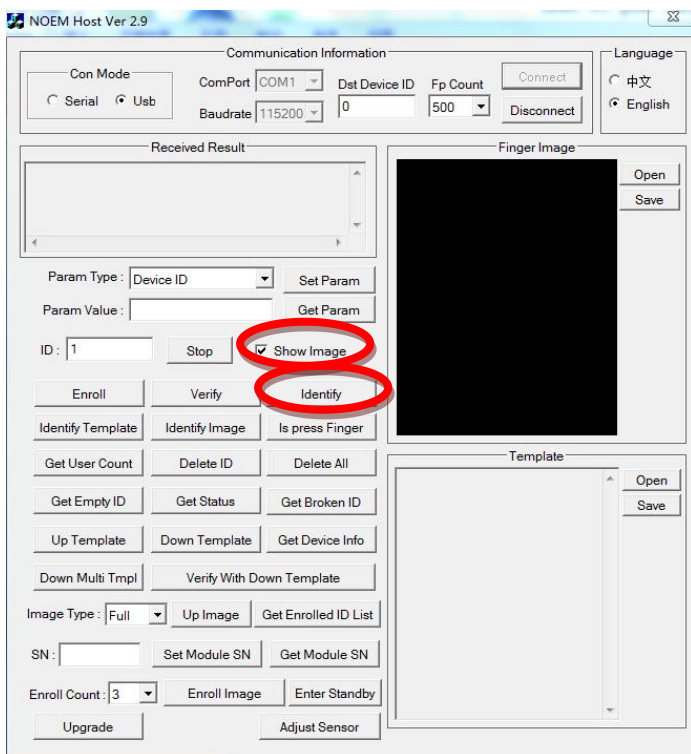
then select “Connect” icon:



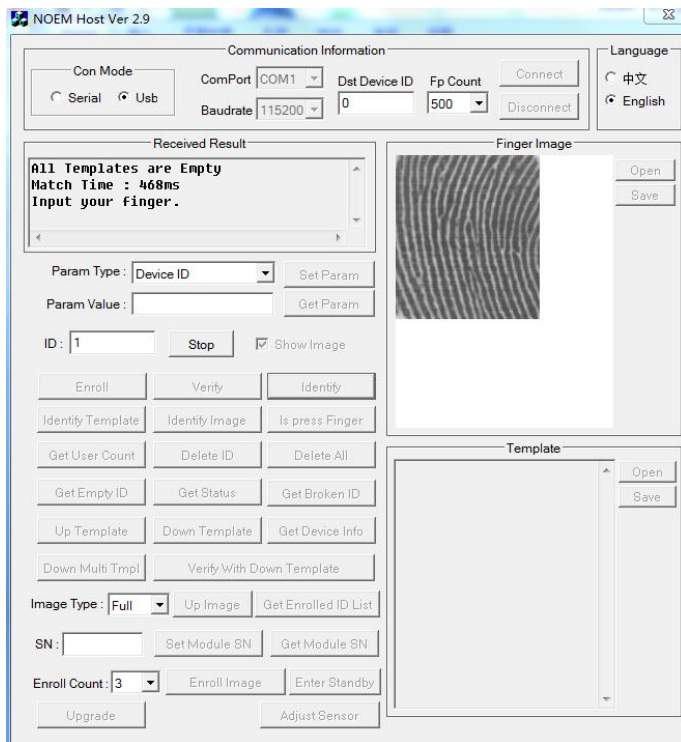
If USB connect fail, connect USB Line again or check USB.



Step4: Select “Show Image” icon, than select “Identify” :

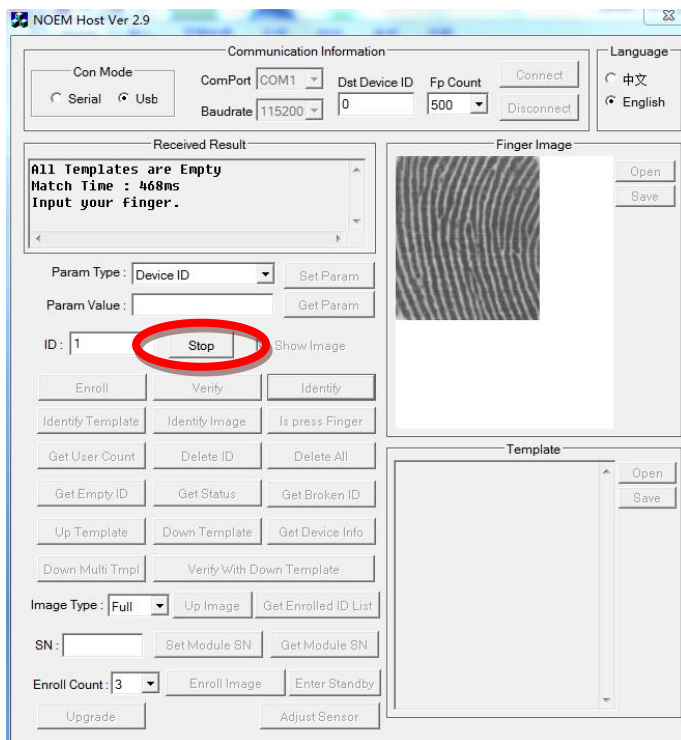


Then get the fingerprint image:

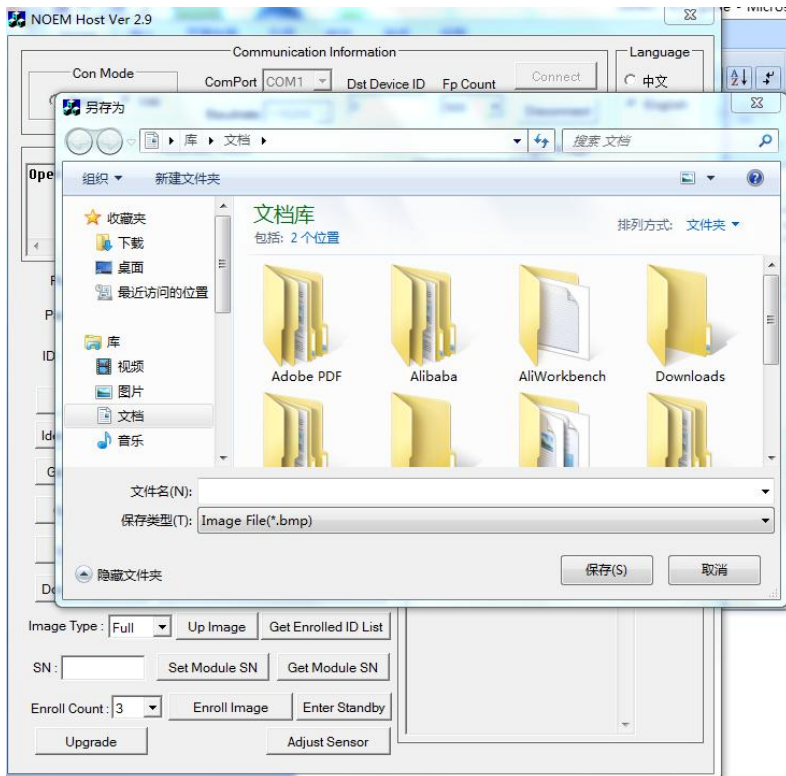
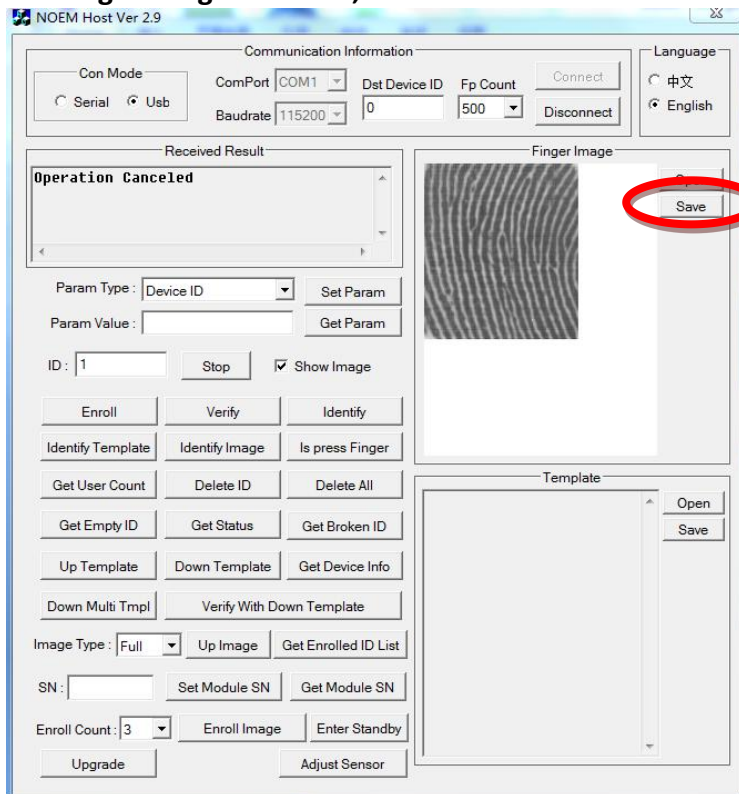


Note: don't off the power during test time.

Step5: Select "Stop" icon,:



The Finger Image will exist, and select “Save” to save this image to file.



Get the more image in the different pressures and persons.

After running Demo.exe

! Test options:

1. Choose the communication method (Serial/USB).
2. Select fingerprint capacity (1700/2000/3000), default setting is 1700.
3. Click the (Open Device) button to open the device.

II HOW TO USE

2.1 Fingerprint Registration: Enter the ID number in the ID number box and click the (Registration) button to register

Note: During the registration process, a fingerprint image needs to be displayed. Check (Preview Image) to:

Transferring fingerprint images in serial communication mode is too slow, it is not recommended to check (preview image)

2.2 Verification of Fingerprint (1:1 Comparison): Enter the ID number to be compared in the ID box, click the (Verification) button, and then press your finger.

2.3 Fingerprint Recognition: Click the (Continuous Recognition) button to continuously input fingerprints for recognition. To stop recognition, click the (Cancel Operation) button

2.4 Download fingerprint template data and identify it with the fingerprint library in the module: Click the (Open File) button in the fingerprint template area to select the fingerprint template data file to be recognized, and then click the (Download Template Recognition) button

2.5 Download fingerprint images to module and fingerprint library for recognition: Click the (Open File) button in the fingerprint image area to select the fingerprint image data to be recognized, and then click the (Download Image Recognition) button

Note: Requirements for fingerprint image files:

Resolution: 500DPI

Grayscale: 256 (8-bit) Grayscale

Pixel size:

Optical collector and FPC1020: 242 * 266;

Array semiconductor collector FPC1011: 202 * 258;

Sliding semiconductor collector FPC1080: 128 * 436;

2.5 Upload fingerprint template data and save it as a *. fpt file: Enter the ID number to be uploaded in the ID box, click the (Upload Template) button, and after success, the fingerprint template data will be displayed in the fingerprint template area. Click the (Save File) button to complete the process.

2.6 Download fingerprint template data and save it to the module's fingerprint library: Enter the ID number to be saved in the ID box, click the (Open File) button in the fingerprint template area to select the template file to be downloaded, and click the (Download Template) button to complete the process

2.7 Batch current fingerprint template data to module and storage: Click the (Batch Download Template) button, select the fingerprint template data folder to be downloaded.

2.8 Download fingerprint template data to the module and compare it with the collected fingerprints: Click the (Open File) button in the fingerprint template area to select the template file to be downloaded, click the (Download Template Verification) button, and then press the fingerprint button.

2.9 Collect fingerprint images and upload them as *. bmp files: Click the (Upload Fingerprint Image) button, press your finger, and the fingerprint image will be displayed in the fingerprint image area. Click the (Save File) button to save it.

2.10 Download fingerprint images to the module and register them in the module fingerprint library: Enter the ID number to be registered in the ID number box, click the (Register from Image) button, and

select the fingerprint image file several times (1/2/3).

Note: See 2.4 for image file requirements

Image quantity (1/2/3): refers to several fingerprint images captured by the same finger, with a default image quantity of 3 (equivalent to 3 registrations, i.e. 3 fingerprint image files that require the same fingerprint capture)