

How to Use FPR-220 Demo

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Capture

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VERIFY

SEARCH

REMOVE

CLEAR

UPLOAD

DOWNLOAD

Host

ENROLL

VERIFY

SEARCH(IDENTIFY)

REMOVE

CLEAR

SHOW

Export

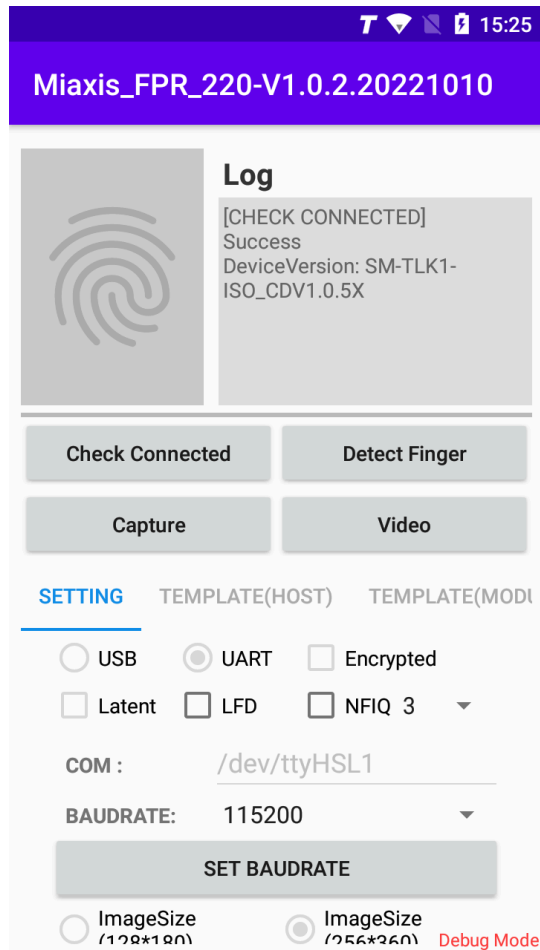
BMP

WSQ

JPEG2000

Template

Main View



Capture

Open/Close Device

You must check the device connection before you can perform other operations. When you click **Check Connected** After successfully turning on the device, all buttons will become active.

Capture Setting

LFD:

Checking **LFD** indicates that you want to enable the live fingerprint detection function, which can reject the entry of fake fingerprints.

NOTE:

LFD and Lantent will affect all collections. Such as CAPTURE, ENROLL, VERIFY, SEARCH.

Capture

Click **Capture**, Then, place the user's finger on the collection surface of FPR-220. After the collection is complete, the log area will display the results. As shown below:

Miaxis_FPR_220-V1.0.2.20221010



Log

[CAPTURE]
Success
Time: 9528ms

Check Connected

Detect Finger

Capture

Video

DEVICE SN

Return FPR-220 serial number

SDK Version

Return SDK version

NFIQ Check

The program will return the NFIQ score of the `current image`.

Module

First select the fingerprint algorithm (ISO/ANSI), then enter the Template position (Template position range 0~999), and finally click on the function.

After completion, the log area will enter the results of this execution.

ENROLL

Capture a fingerprint image, then extract features (FMR) from this image, and finally save this FMR in the module's template position flash.

VERIFY

Capture a fingerprint image, then extract features (FMR) from this image, and finally use this FMR to compare the FMR of the module's specified template position flash.

SEARCH

Search the module's flash memory for the current finger print.

REMOVE

Delete the specified template position in the module's flash memory.

CLEAR

Empty the module's flash memory.

UPLOAD

The program will export the fingerprint signatures flashed in the template position of the module to external storage in the fingerprint algorithm (ISO/ANSI) text of your choice.

DOWNLOAD

The program will download the fingerprint algorithm (ISO/ANSI) text of your choice from external storage to the specified flash position of the module

Host

First select the fingerprint algorithm (ISO/ANSI), then enter the user ID, and finally click on the function.

After completion, the log area will enter the results of this execution.

ENROLL

Capture a fingerprint image, then extract features (FMR) from this image, and finally save this FMR in the database using the user ID.

VERIFY

Capture a fingerprint image, then extract features (FMR) from this image, and finally use this FMR to compare the FMR of the specified user ID.

SEARCH(IDENTIFY)

Use the entered id to search for fingerprints in the database.

REMOVE

Delete the specified entry in the database.

CLEAR

Empty the database.

SHOW

Display the ID of all data in the database.

Export

The program will export the `current image` to external storage.

BMP

The program will export the `current image` as bmp to external storage.

WSQ

The program will export the `current image` as wsq to external storage.

JPEG2000

The program will export the `current image` as JPEG2000 image to external storage.

Template

The program will export the `current image` as template to external storage.

The `current image` refers to the image being displayed on the `ImageView` and will not be reacquired

Default location `:/sdcard/Android/data/com.miaxis.fpr220/files/`