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WAVESHARE NFC Powered Paper User Manual

Contents

WAVESHARE NFC Powered Paper

Revision History

Version	Content	Date	Page
1.0	New creation	2024/5/21	All

USER GUIDE

Please make sure that your telephone supports the NFC function and is enabled. Note that this APP does NOT support this APP Samsung or Google phones.
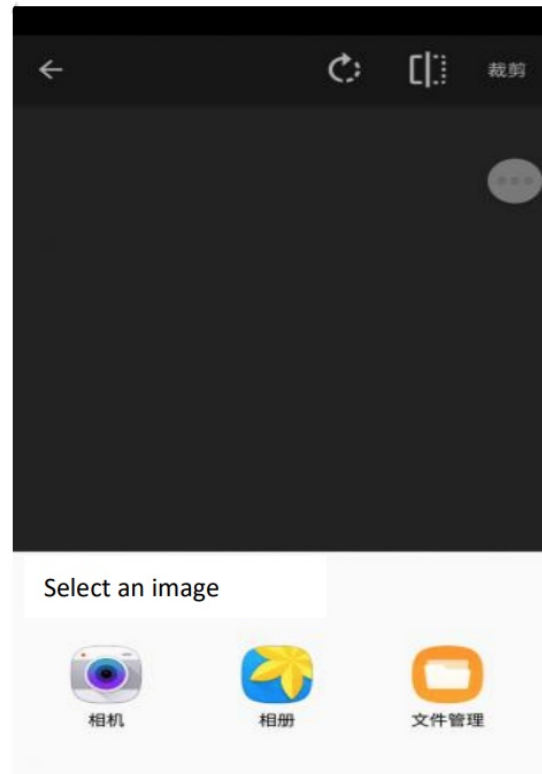
ANDROID APP

You can scan the QR code to download and install the APP on your phone, note that the app can only support Android 4.0 (Ice Cream Sandwich) below:
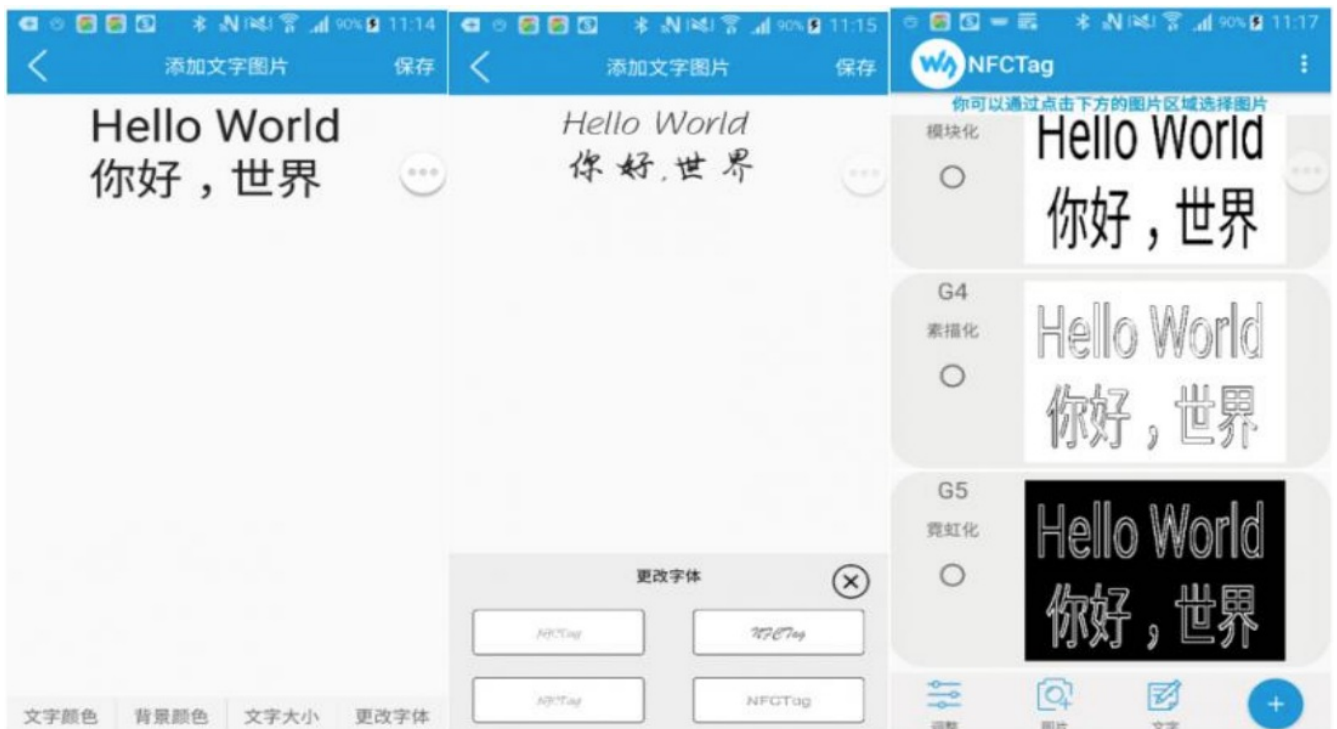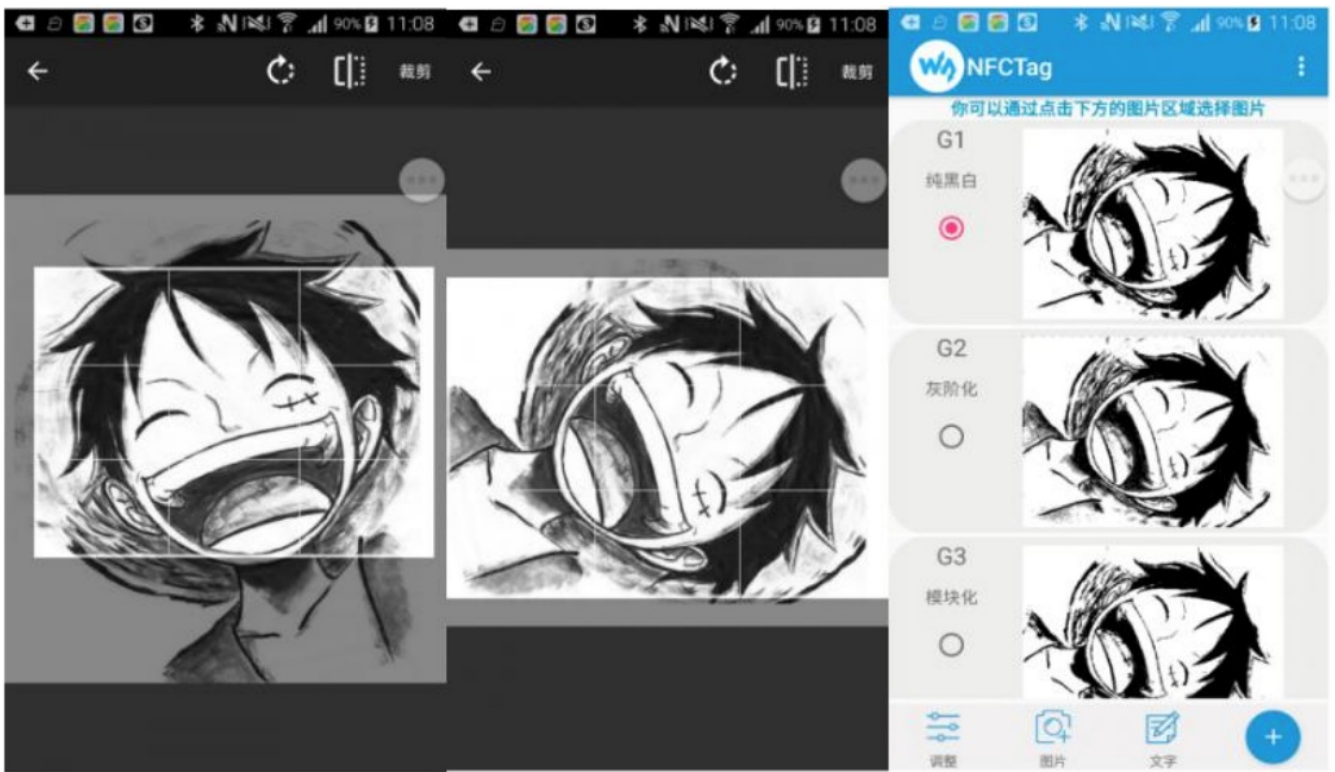

NFCTag APP EN

- Click the picture button on the bottom to choose a picture. You can choose the picture from DCIM or you take a
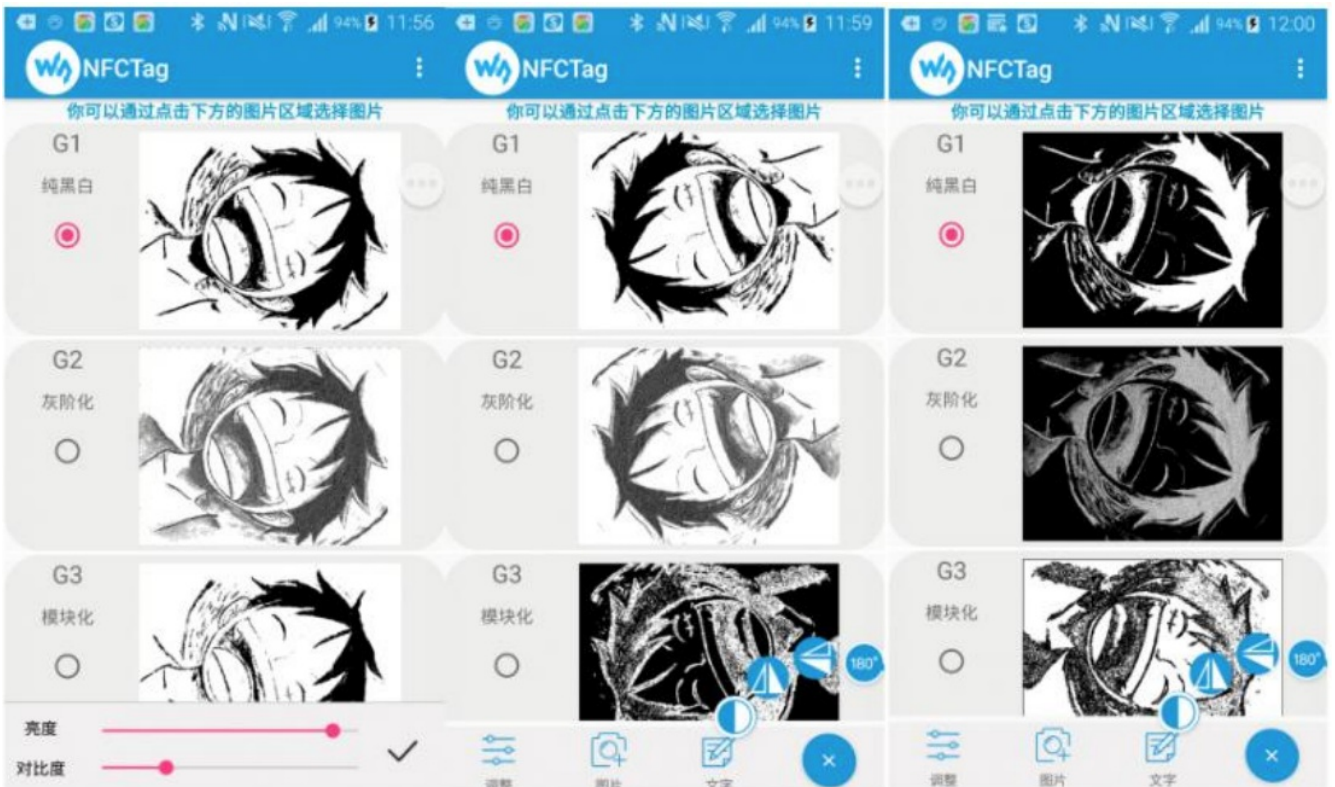
  picture with the camera.

- Except for pictures from DCIM and camera, you can also make string pictures manually.

- You can cut the picture after choosing, resize it and rotate it. For the best effect. we recommend you to pre-adjust the picture according to the resolution of the e-Paper.
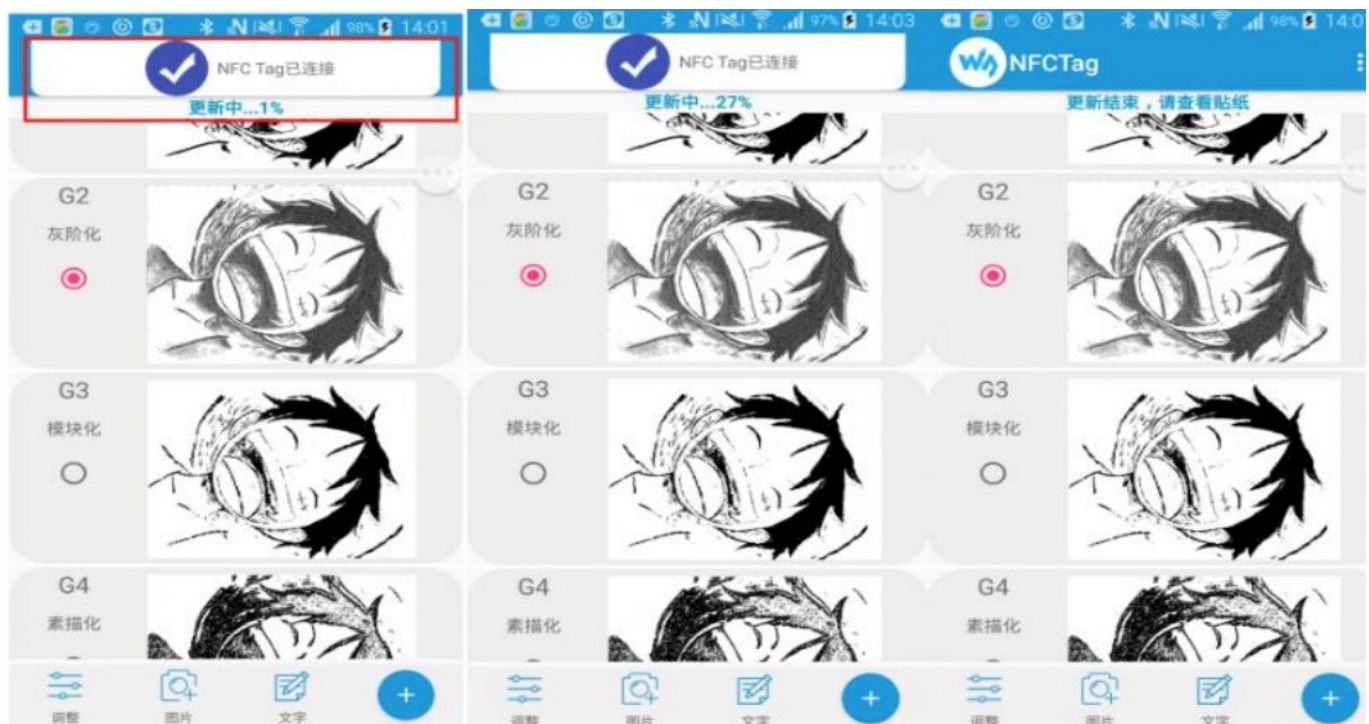
- On the main page, you can select the process effect (None Effect, Gray Effect, Block Effect, Sketch Effect, and Neon Effect).
- On the main page, you can click the Adjust symbol on the left bottom to adjust the brightness and contrast. You can also touch the "+" symbol on the right bottom to adjust the picture.

- After setting, close the NFC area of your phone to the backside of the 4.2-inch NFC-Powered e-Paper to update it.

[Note Make sure that you have opened the NFC function of your phone, and do not move the phone when transmitting and updating.
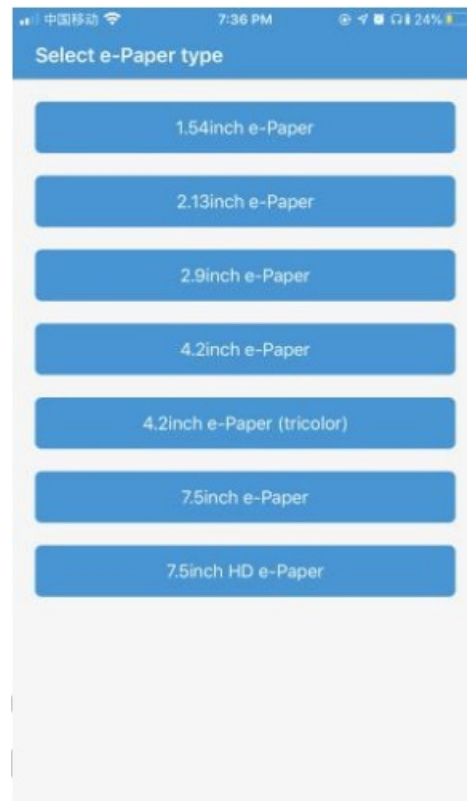
Other functions

You can also draw a picture. Click the "…" symbol on the right top, choose Gallery, and touch one picture to enter drawing mode.
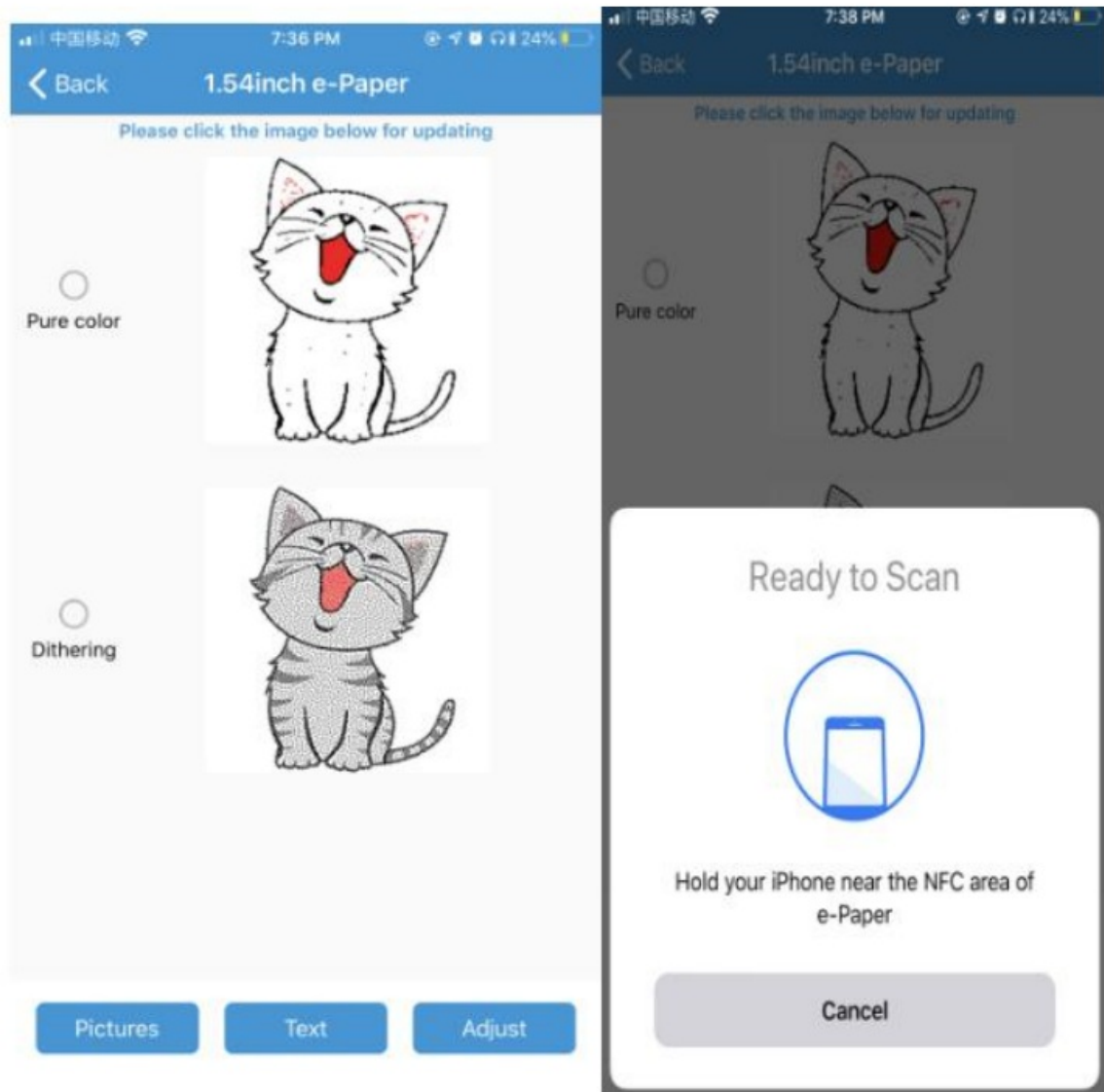
IOS APP

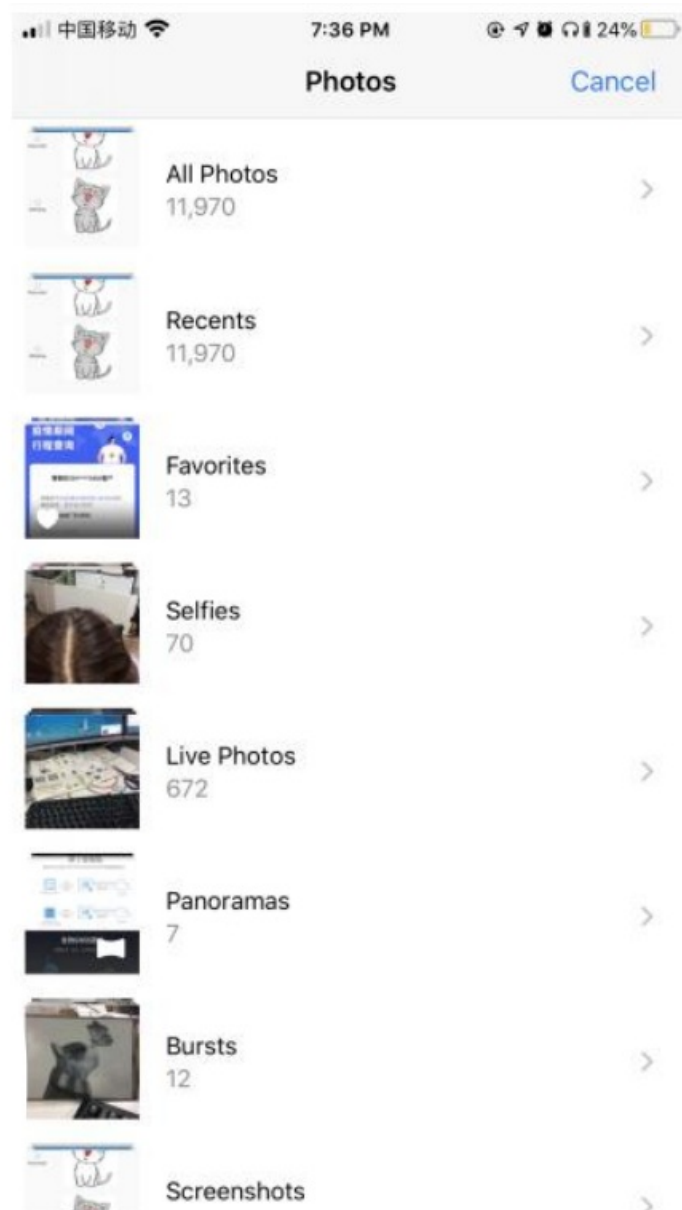For IOS users, you can download and install the NFC E-Tag app from the APP store.

1. Open the APP, and choose the e-Paper type according to the actual display.

2. Click on the image and hold the phone close to the NFC area of the e-Paper for updating.
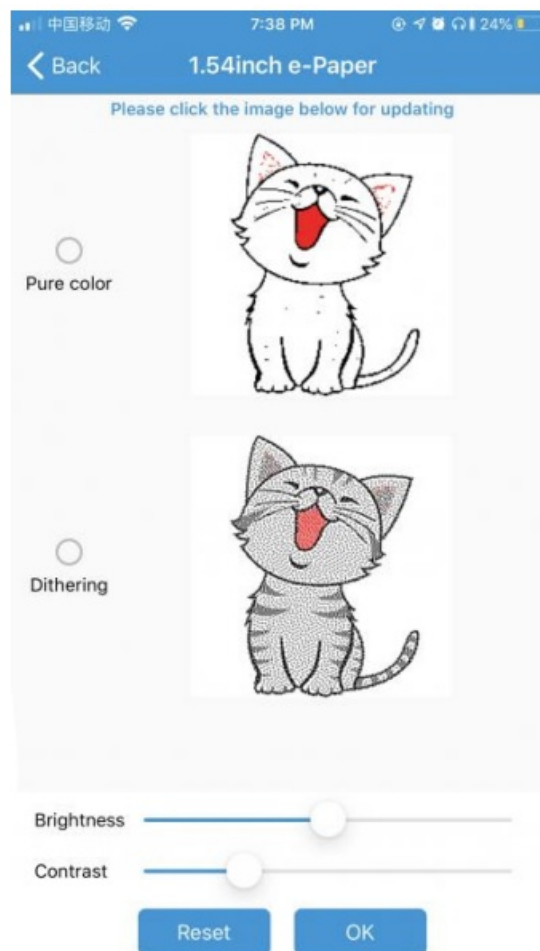
3. You can click the Pictures button on the left-bottom to choose the pictures to update.
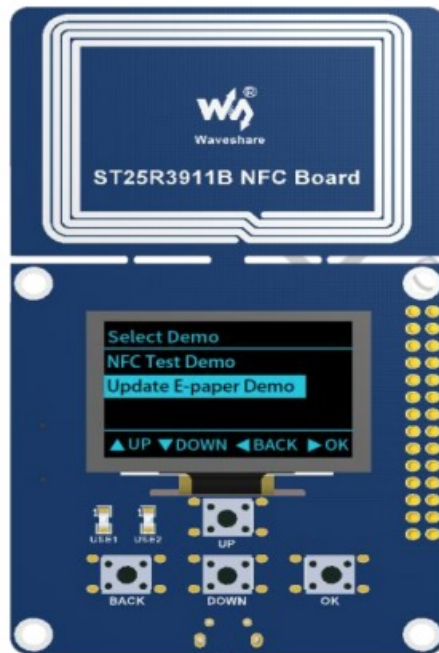
Photos   Cancel

All Photos
11,970   >

Recents
11,970   >

Favorites
13   >

Selfies
70   >

Live Photos
672   >

Panoramas
7   >

Bursts
12   >

Screenshots   >

4. You can click the Text buttons to make a text image.

5. You can adjust the brightness and contrast of the picture.

ST25R3911B NFC MODULE

- Refer to the Made bmp file for e-Paper to make a picture for NFC-powered.
- Copy pictures to TF card (recommend 16G) and insert the TF card into ST25R3911B NFC Board.
- Connect the 5V power adapter to the USB interface of the NFC Board.
  - Select the function by buttons, and choose "Update E-paper Demo".
  - Select the type of e-paper according to the one you have.
  - Select the picture for updating, note that the resolution of the picture should be the same as the e-Paper's.
  - Confirm it.
  - Put the Reader on the display for updating.
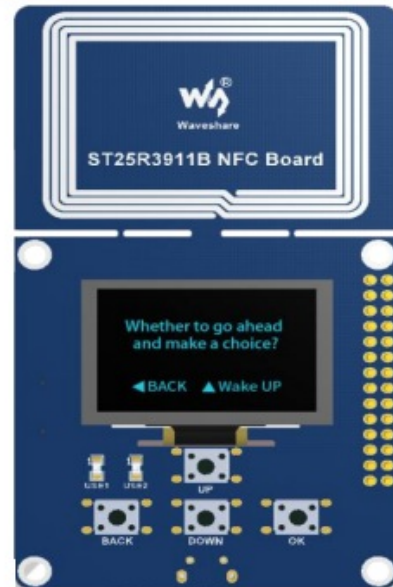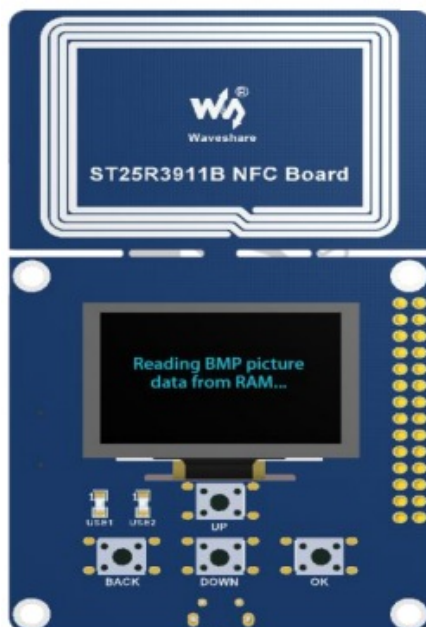 - Wait for updates.

Select the codes

Select the display types

Choose a picture
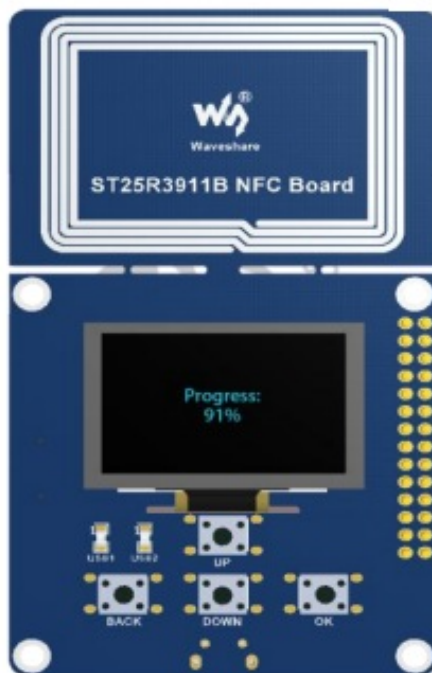

Confirm it

Read picture from TF card

Put the NFC area to display

Detect the display

Configure the display

Updating

Update successfully and exit

- If the display is updated failed, please put away the NFC read and try it again.

 Note Because the communicating distance of NFC is short, to make the updating successful, please do not move the device when updating.

Specifications

- **Product Name**: NFC-Powered e-Paper
- **Version**: 1.0
- **Supported Platforms**: Android, iOS
- **Compatibility**: Android 4.0 (Ice Cream Sandwich) and below for Android app
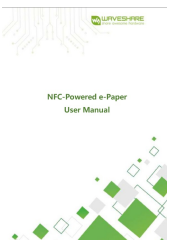
Frequently Asked Questions (FAQ)

Q: Can I use this product with Samsung or Google phones?
A: No, this product's app does not support Samsung or Google phones.

Q: What is the recommended resolution for pictures on the e-paper?
A: The resolution of the picture should match that of the e-paper for best results.

Documents / Resources

WAVESHARE NFC Powered Paper [pdf] User Manual
NFC Powered Paper, NFC, Powered Paper, Paper

References

- **Waveshare Wiki**

- **User Manual**