



User Guide Standards

**Bagi (NFC) 3.6" Spectra 6
ePaper Display**



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ePaper Update SOP

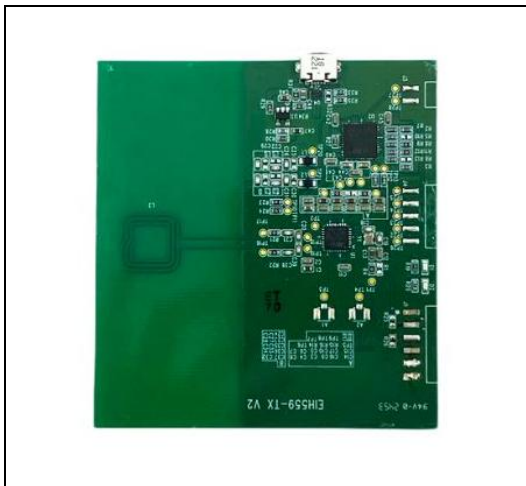
1 Hardware Requirements

Bagi (NFC) with 3.6" Spectra 6 ePaper Display includes an NFC transmitter, an NFC receiver, and an EPD (ePaper Display). The unique feature of this Evaluation Kit is that you can use an PC application interface to select the image to refresh, and complete the screen refresh by transferring data through the NFC.

(1) Package Contents

This Evaluation Kit contains the following:

- NFC Tx board
- NFC Rx board
- 3.6" Spectra 6 ePaper Display (EL036MF1)



NFC Tx board



NFC Rx board



EPD (EL036MF1)

Specification

Item	Specification
E Ink Display Panel	3.6" EPD
Shape	Rectangular
Resolution	400 (H)×600 (V)
Input	5Vdc (USB), power on when connected to PC

2 Hardware Guide

(1) Hardware Requirements

The firmware update requirements included the CONCERTO driving board, micro-USB cable and Windows PC/NB.



Bagi (NFC) with 3.6" Spectra 6 ePaper Display



Micro USB cable



Windows PC/NB

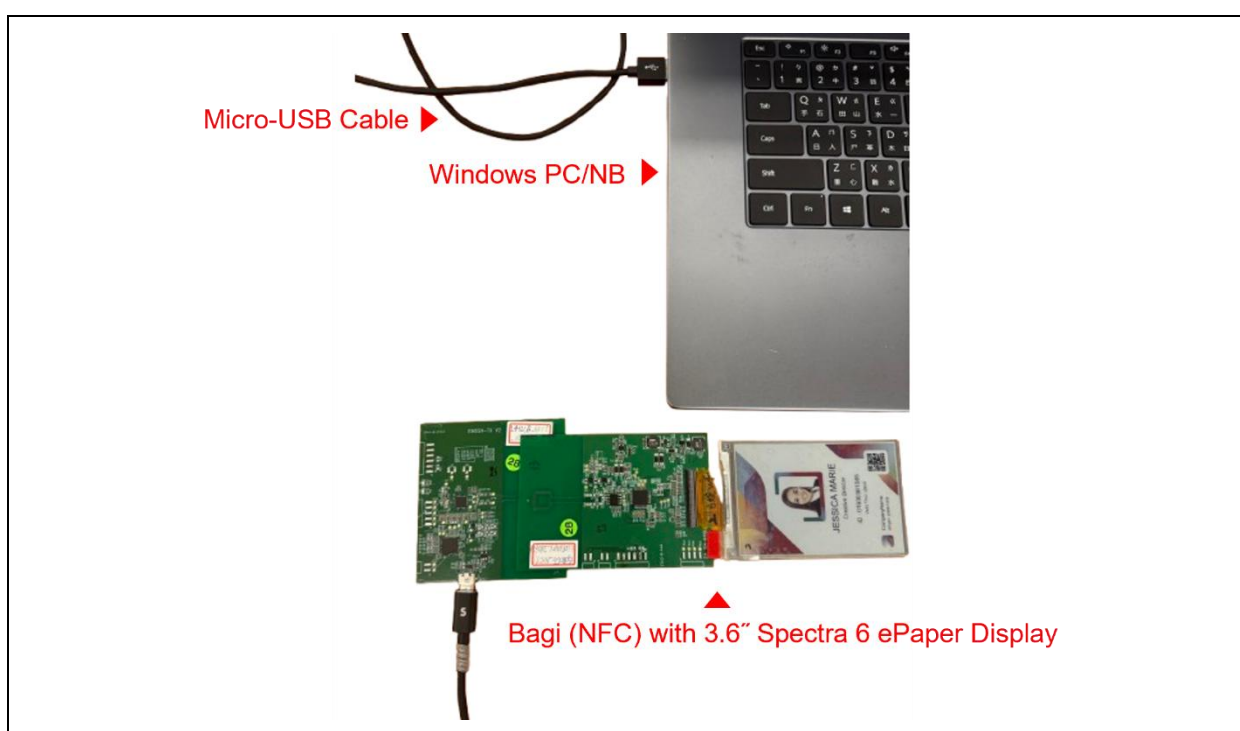
Table 1 Minimum PC Requirements

CPU	Pentium III 800 MHz or later
RAM	128MB or greater
Required Software	Windows 10 or newer
Interface	USB port

(2) Hardware Installation

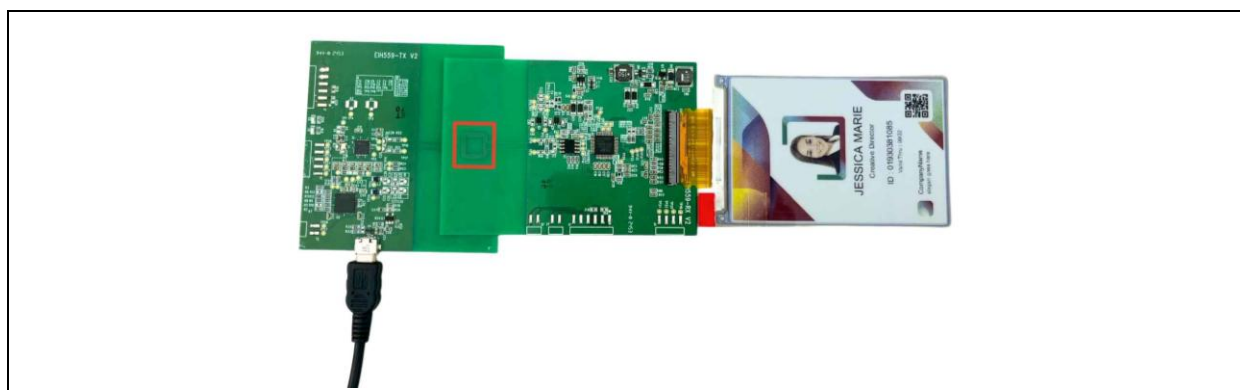
Refer to following figure to setup Bagi and connect it to your PC/NB:

- Connect the micro-USB cable to Bagi Tx.
- Connect the micro-USB cable to PC/NB USB port.



Setup instructions

The Rx antenna should be aligned and placed within the red box on the Tx antenna to avoid poor energy reception due to alignment issues.



Important Notes

3. Software Guide

(1) Software Requirements

Step1. Please connect TX to your computer and then open the PC Application.
(Figure 1)

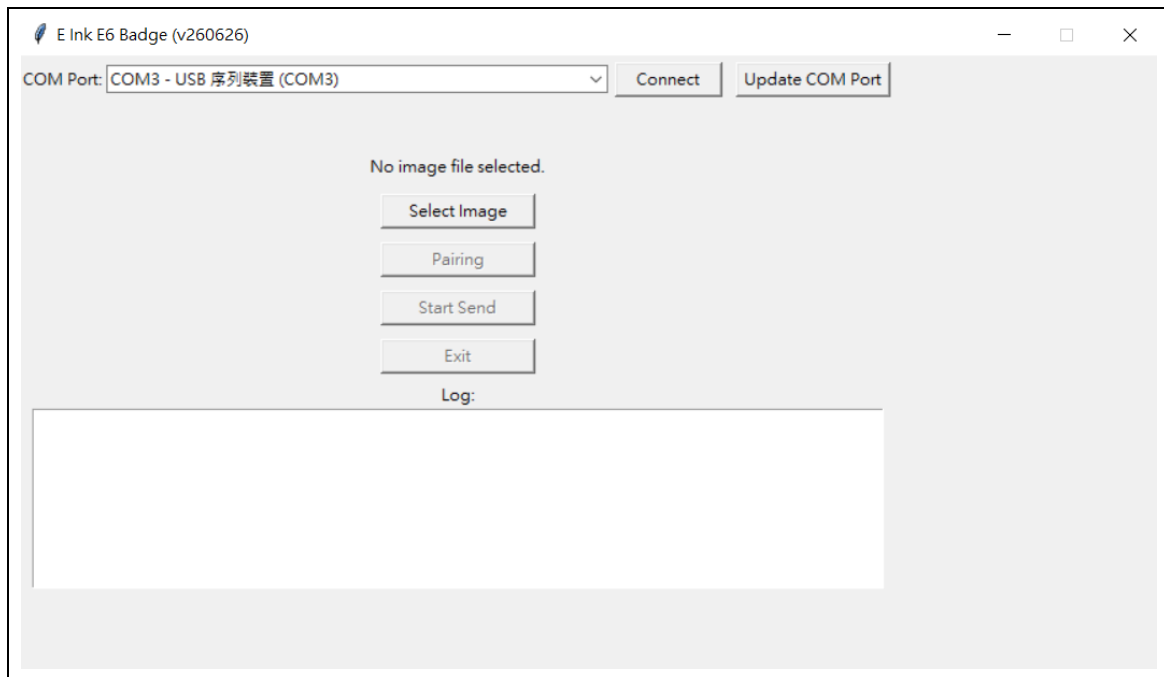


Figure 1

Step2. In the interface, select the COM port of the USB serial device from "COM Port". This port is used to connect the NFC Tx. If the required COM port is not displayed, click the "Update COM Port" button to refresh the list of available ports. After selecting the COM port, click the "Connect" button to establish a communication connection with the device. (Figure 2)

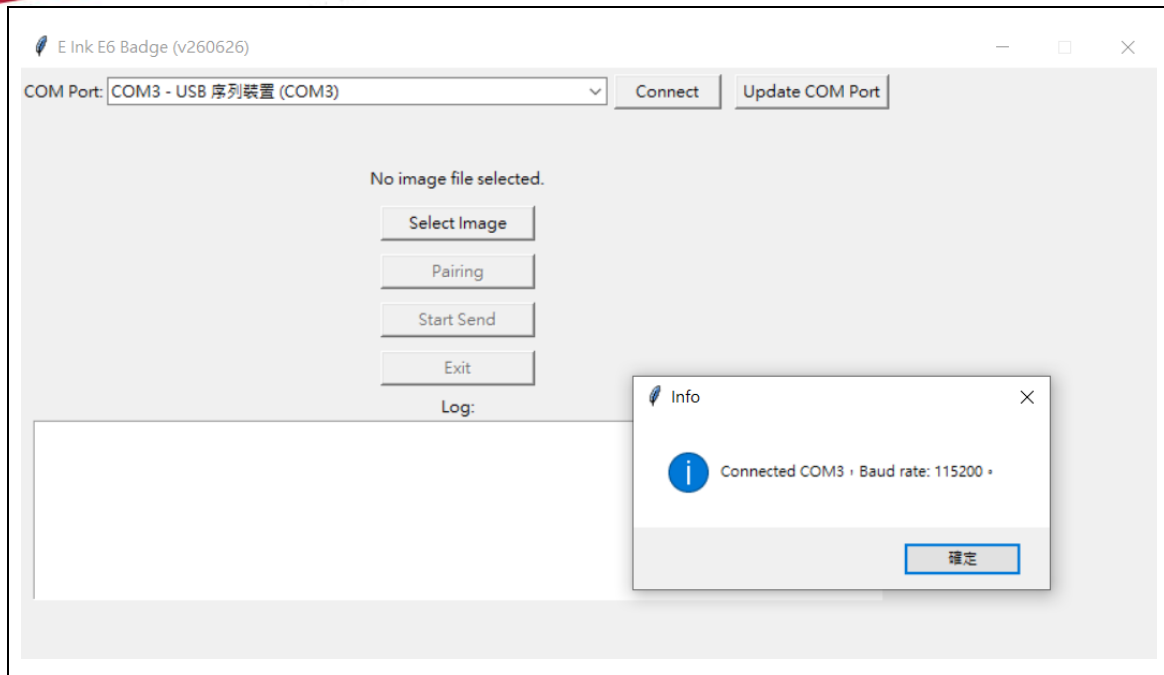


Figure 2

Step3. Select Image: Click the "Select Image" button to open the file selection dialog box, and select the image file (dithered BMP images are supported). After selecting the image, it will be displayed in the interface. The system will pop up a message box to confirm that the image has been successfully converted. (Figure 3)

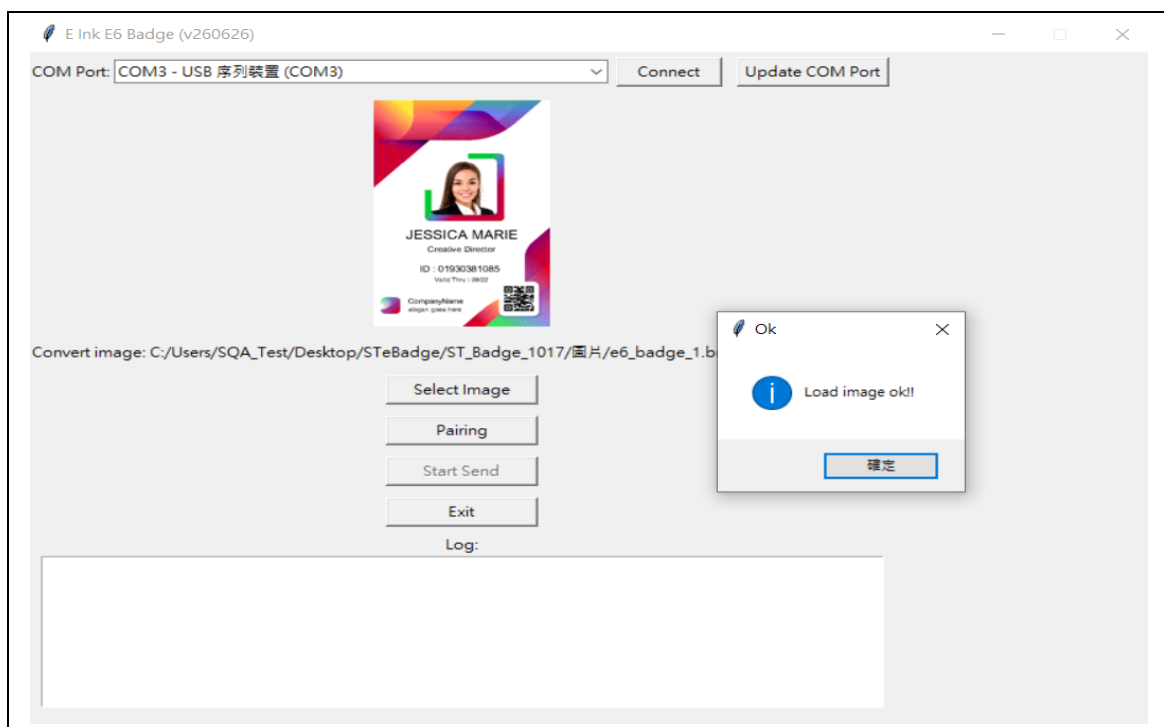


Figure 3

Step4. Click the "Pairing" button. The program will wait for the "Action OK" response. After successful pairing, a confirmation message will be displayed in the log window, and the "Start Send" button will be enabled. (Figure 4)

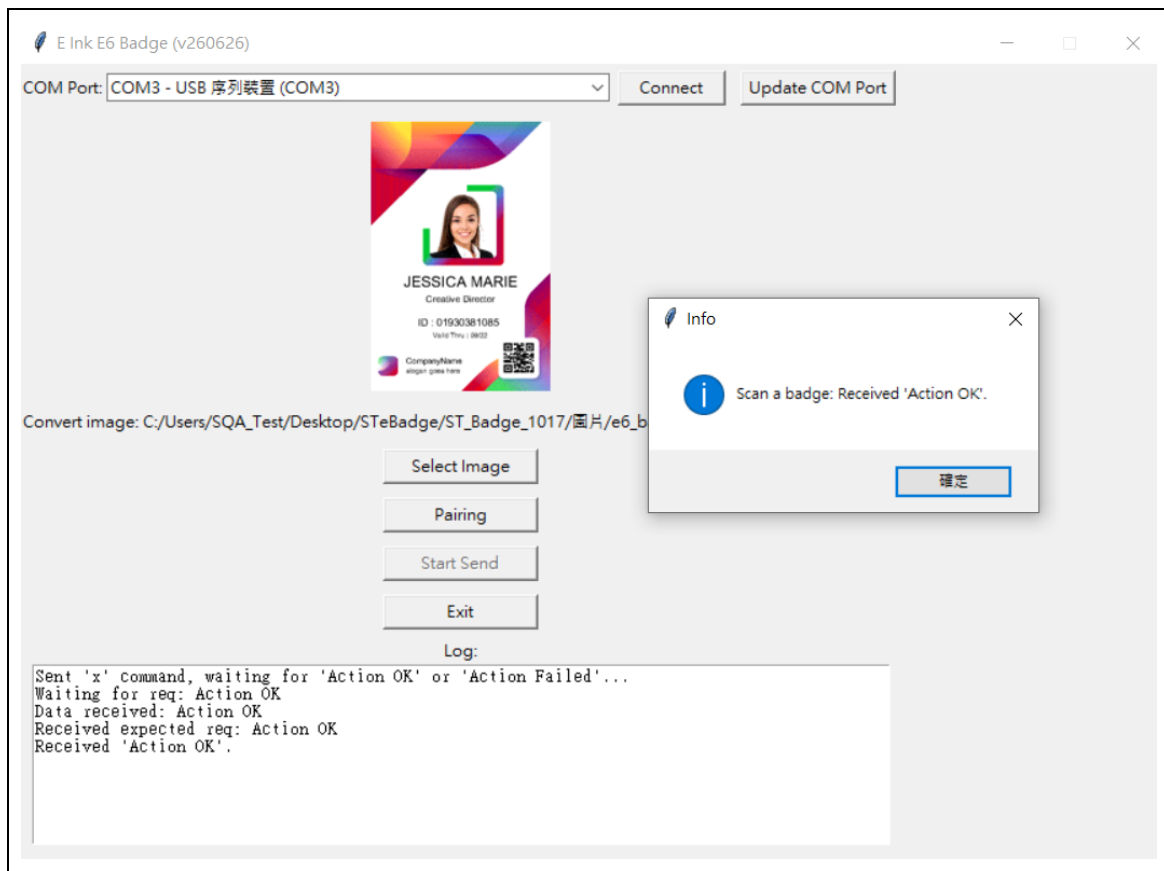


Figure 4

Step5. After pairing, press the "Start Send" button to begin transferring image data to NFC Rx. A progress window will display the percentage of data transferred, and the log will continuously update the amount of data transferred. Once the transfer is successful, a message box will pop up displaying the total transfer time. (Figure 5)



Please move only after the NFC Rx update screen finishes and you press the "Exit" button. To update again, please repeat steps 3-5.

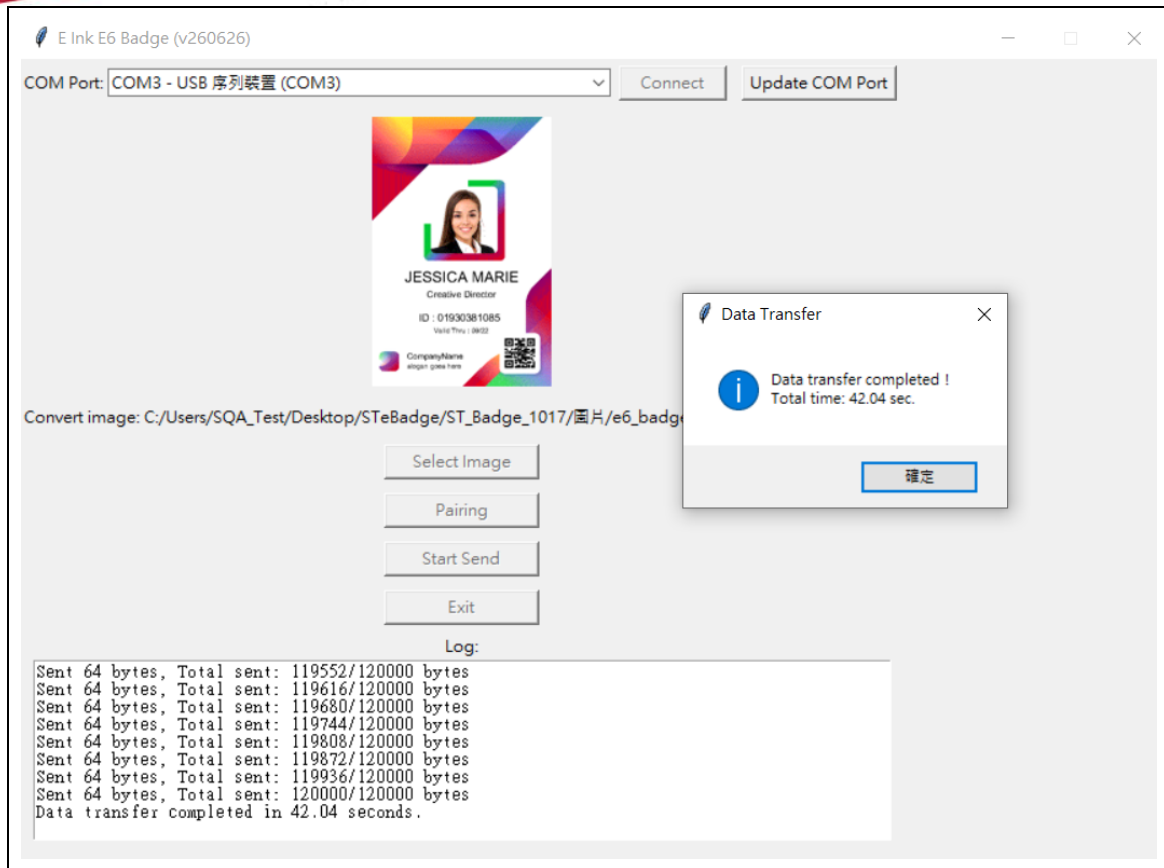


Figure 5

(2) Troubleshooting

Below list is commonly asked question:

Number	Name	Description
1	NFC Tx board is not visible on PC	Cause: USB cable is damaged or PC/NB doesn't recognize NFC Tx board. Solution: Replace the micro USB cable or reconnect micro USB cable.
2	Pairing connect fail	Cause: Unable to pair successfully on the PC app. Solution: NFC Tx & NFC Rx Antenna must be aligned.

4. Contact Information

For more information, please visit

<http://www.eink.com>

For sales office addresses, please visit

http://www.eink.com/contact_sales.html

5. Legal Information

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● Revision History

Version	Date	Page	Description	Author
0.1	2026/7/22		Initial	Rubio Lo