How to
Use SDK Demo APP

Applied to GS R1120, R152X, R352X, and R552X Series

Ver 1.0

3-21-2024

Overview

This article introduces how to use "SDK Demo" App.
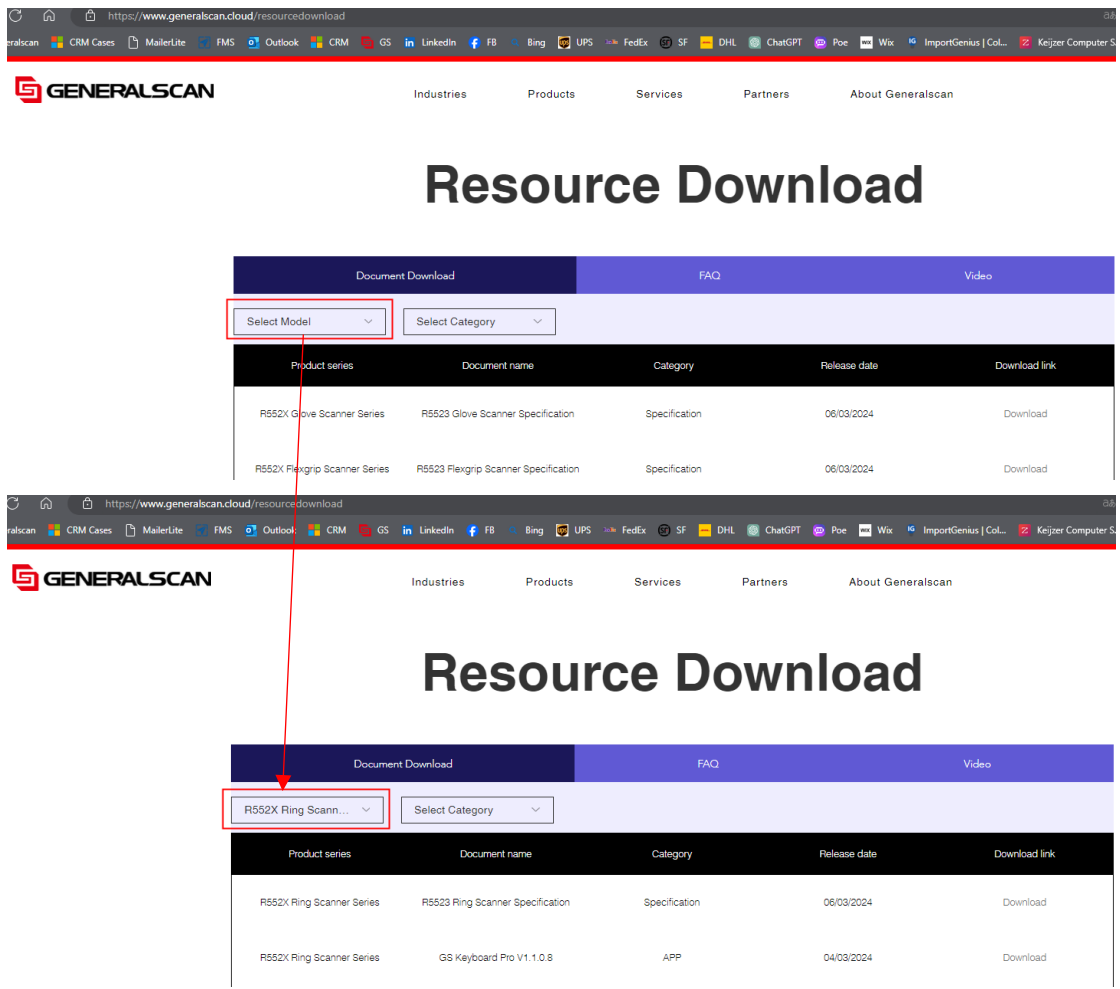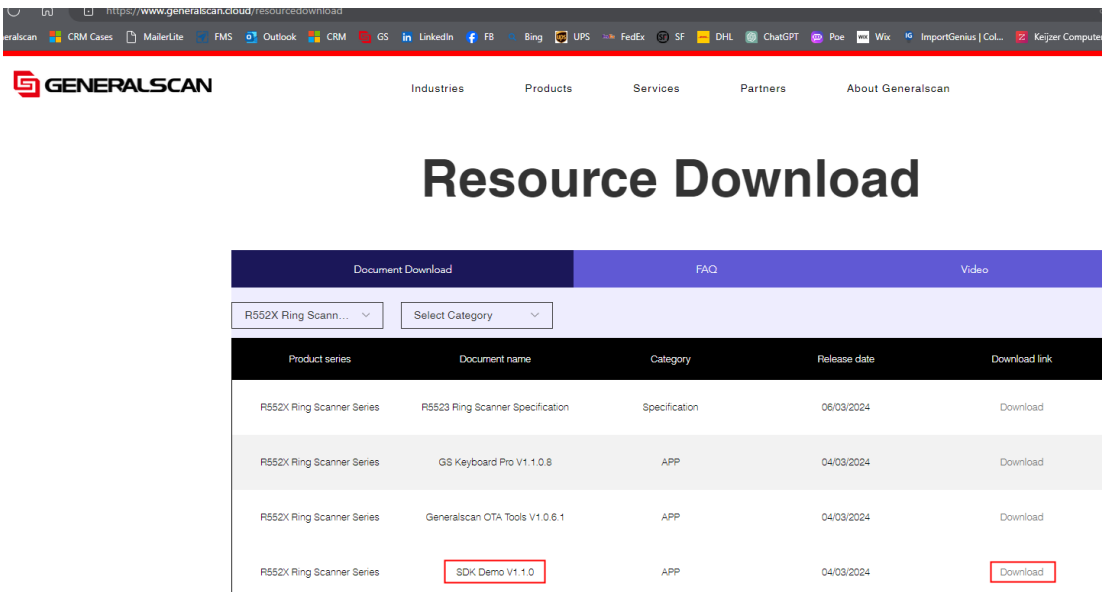
Steps

1. Download

1.1 Visit the website link below to find the download resource
https://www.generalscan.cloud/resourcedownload
1.2 Select the model of scanner (**the scanner tested** - R5524)

1.3 Find "SDK Demo", and click "Download".
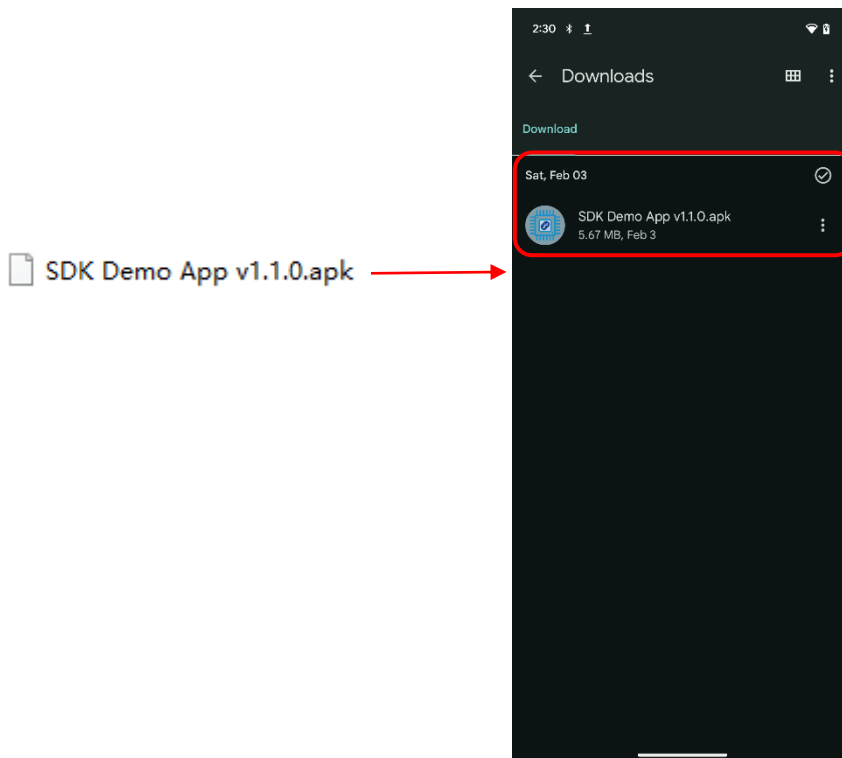

2. Install
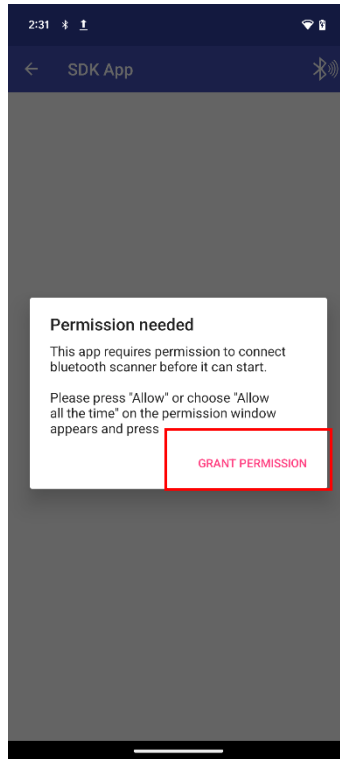
2.1 Unzip the document downloaded.

2.2 Save the unzip file at your mobile phone, and double-click to install the app.
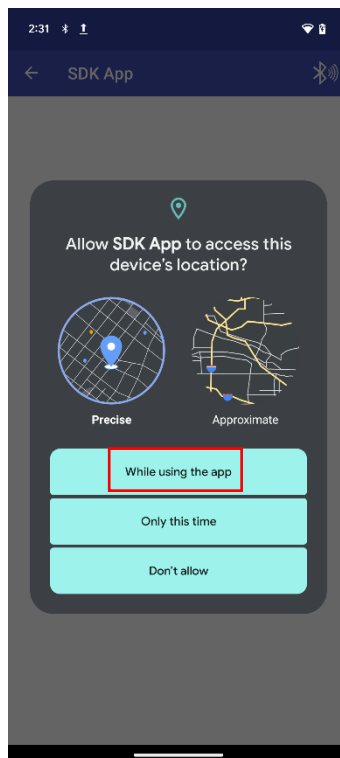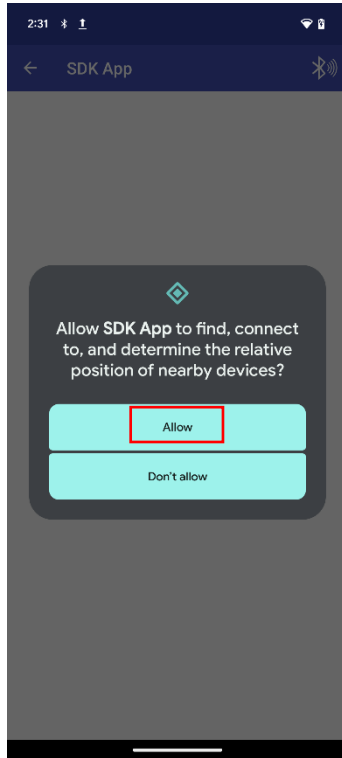
3. Setting

3.1 Open the APP, and click on "GRANT PERMISSION" from the pop-up window to start the permission configuration.
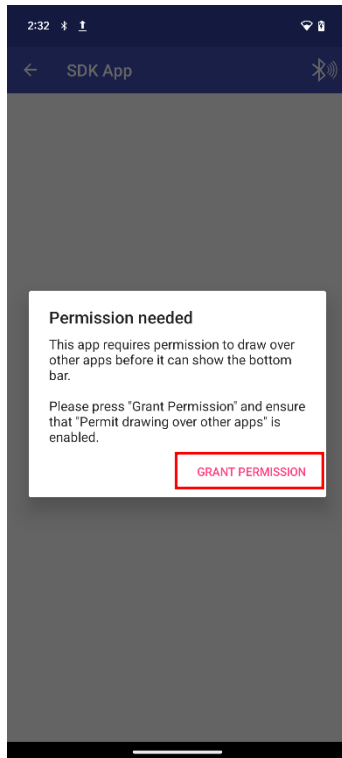

3.2 Choose "While using the app" from the pop-up window.
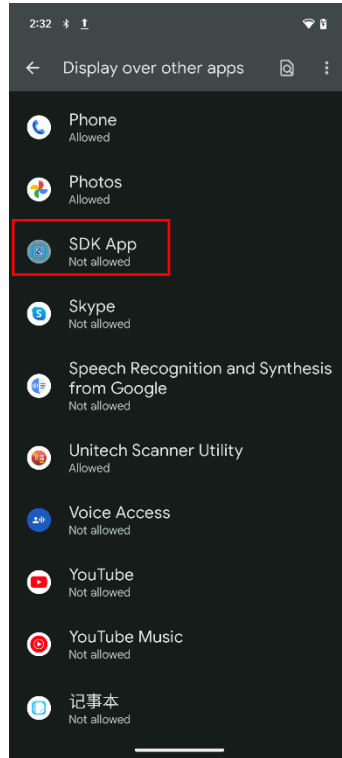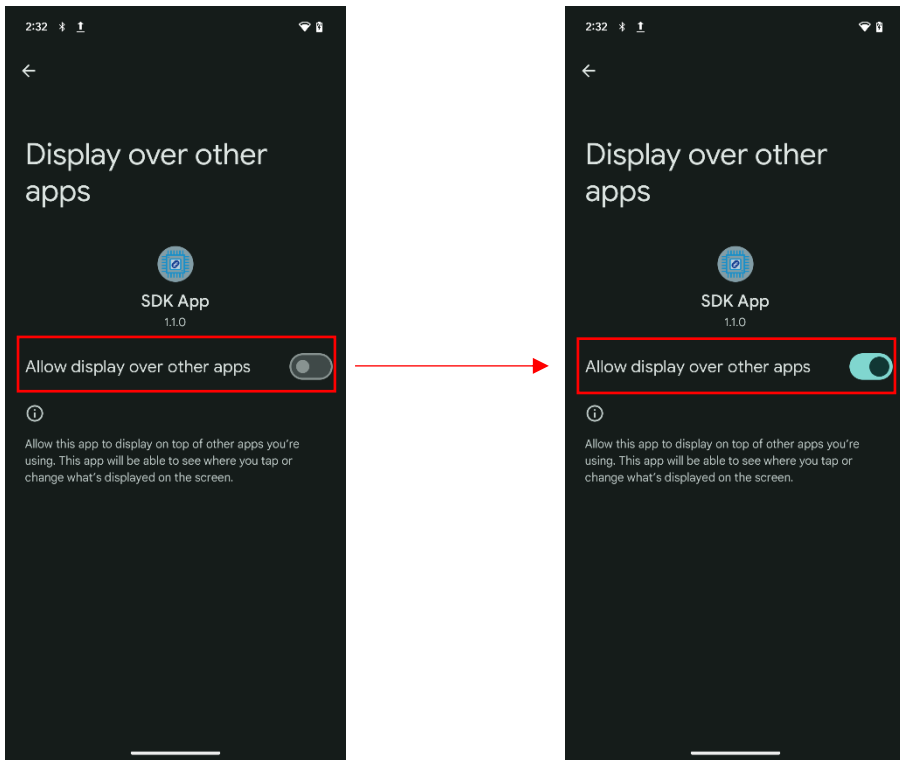
3.3 Click "Allow".

3.4 Click "GRANT PERMISSION" as the image below shows.

3.5 Select "SDK App".

3.6 Enable "Allow display over other apps".

3.7 Until now, the permission configuration has been completed. The App can be used now.
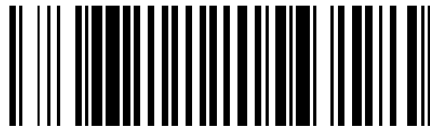
4. Connect

The connection between the scanner and your mobile phone is available in Bluetooth SPP mode and Bluetooth BLE mode.

4.1 Select to scan the following barcode to enter Bluetooth mode you need.
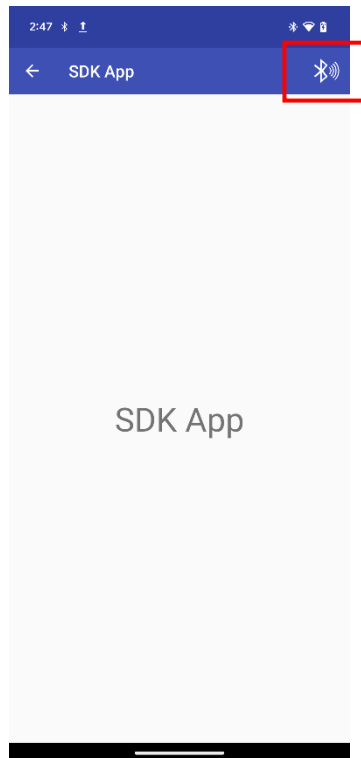

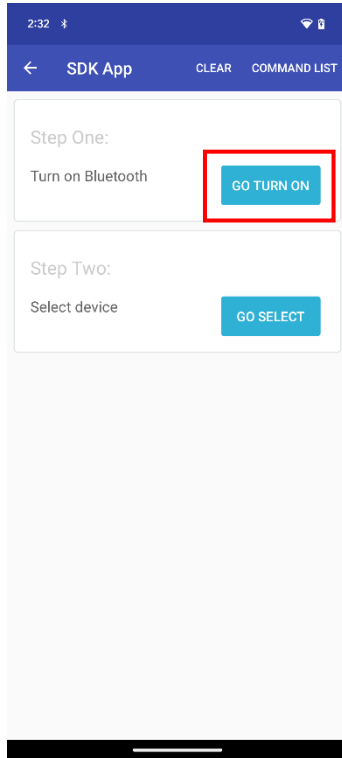STX   00000008   ETX
Bluetooth SPP Mode
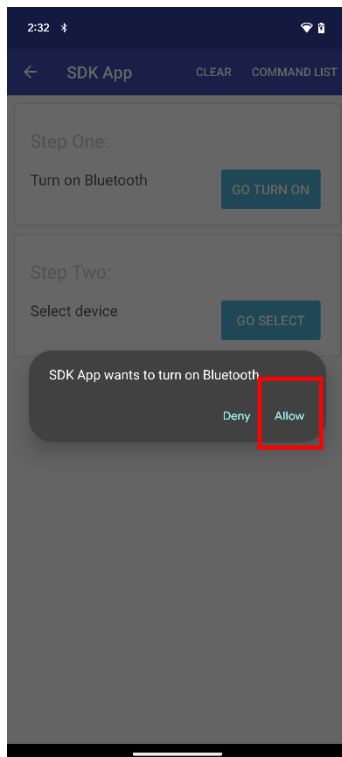

STX   00000028   ETX
Bluetooth BLE Mode

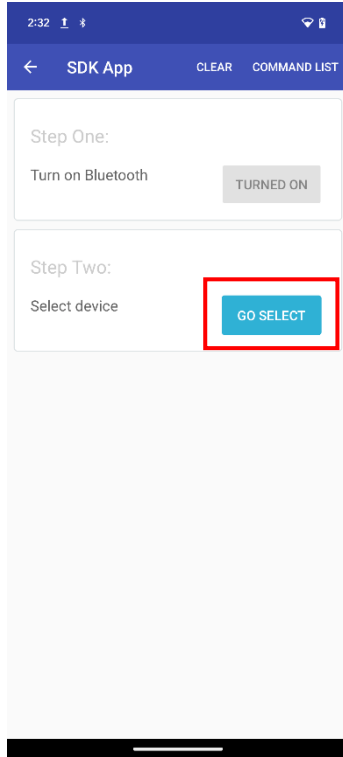4.2 Open the APP, then click on the Bluetooth icon at the upper right corner.
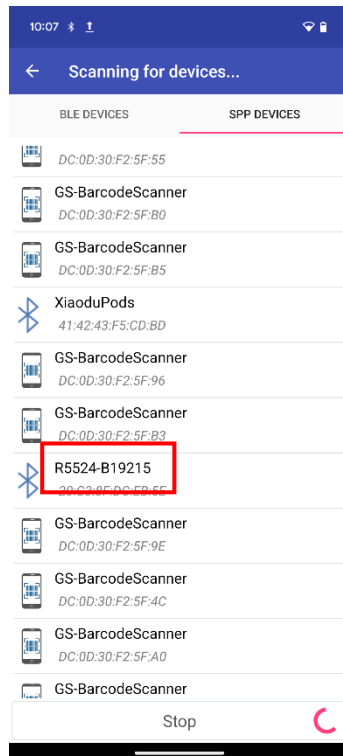
4.3 Click on "GO TURN ON".

4.4 Then click "Allow" at the pop-up window to enable Bluetooth of the mobile phone.
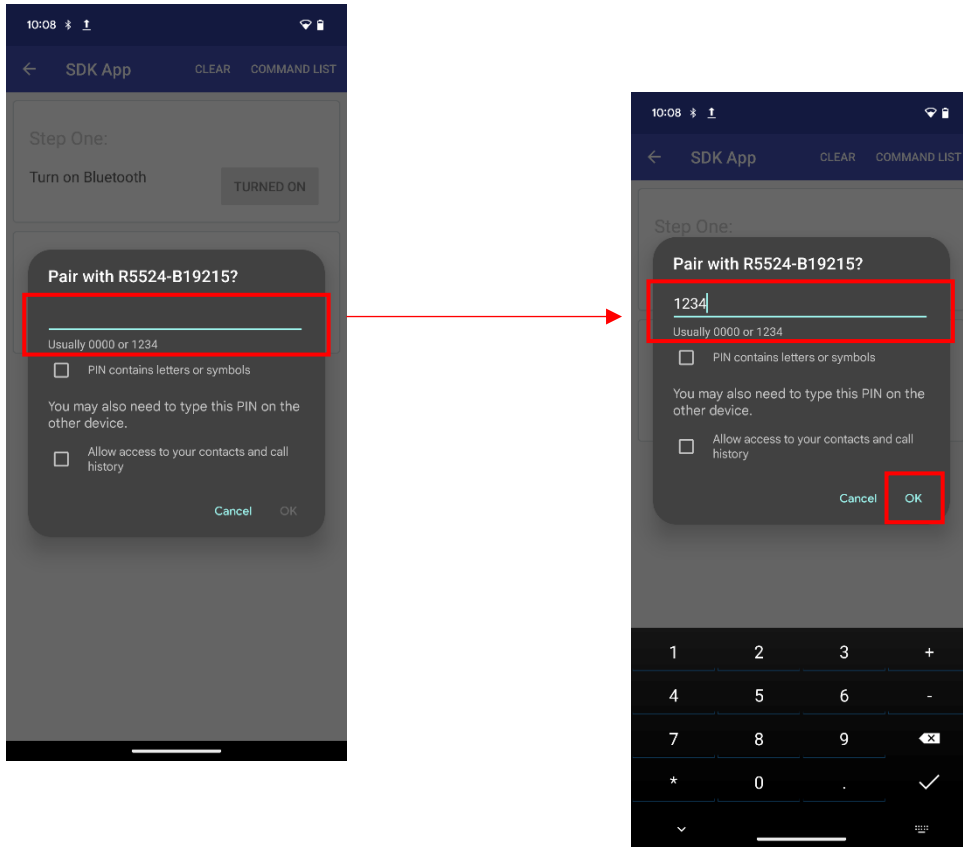
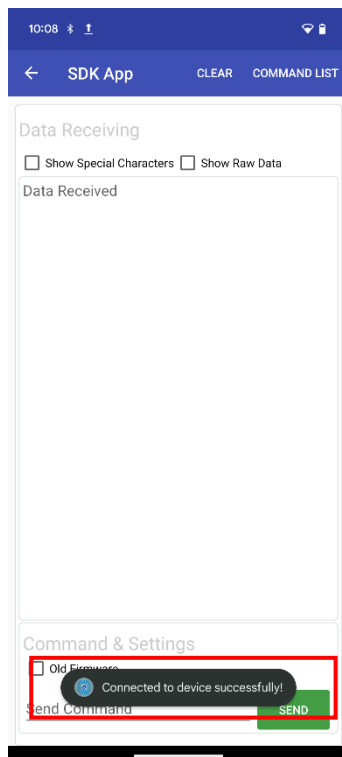4.5 Then click "GO SELECT" as the image below shows.

4.6 Click on the corresponding searching list according to the Bluetooth mode. The Bluetooth mode of the scanner tested is "Bluetooth SPP Mode". Click on "SPP DEVICES", then select the name of the scanner that needs to be connected to the mobile phone.

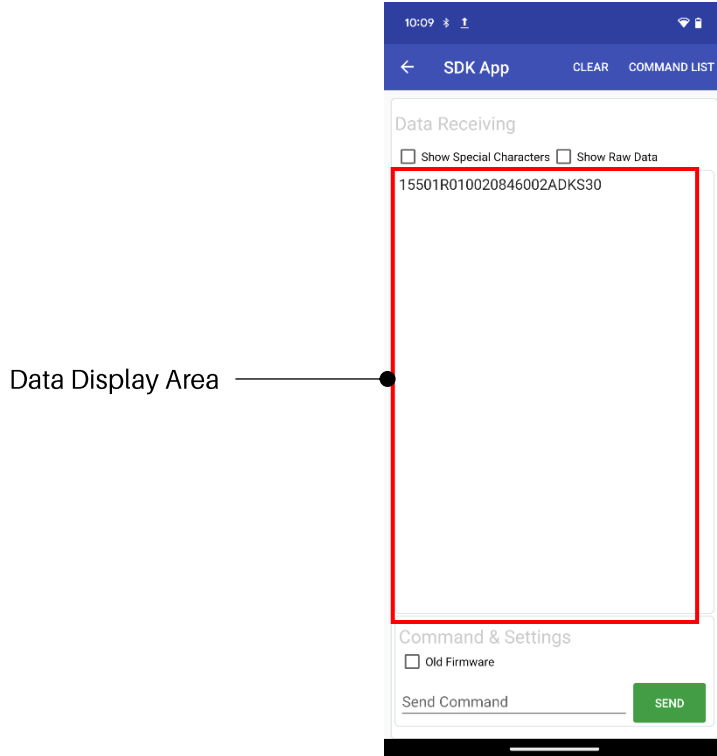4.7 Input the passcode "1234" in the pop-up window, then click "OK".

4.8 It shows "Connected to device successfully" on the mobile phone screen after the connection completed.
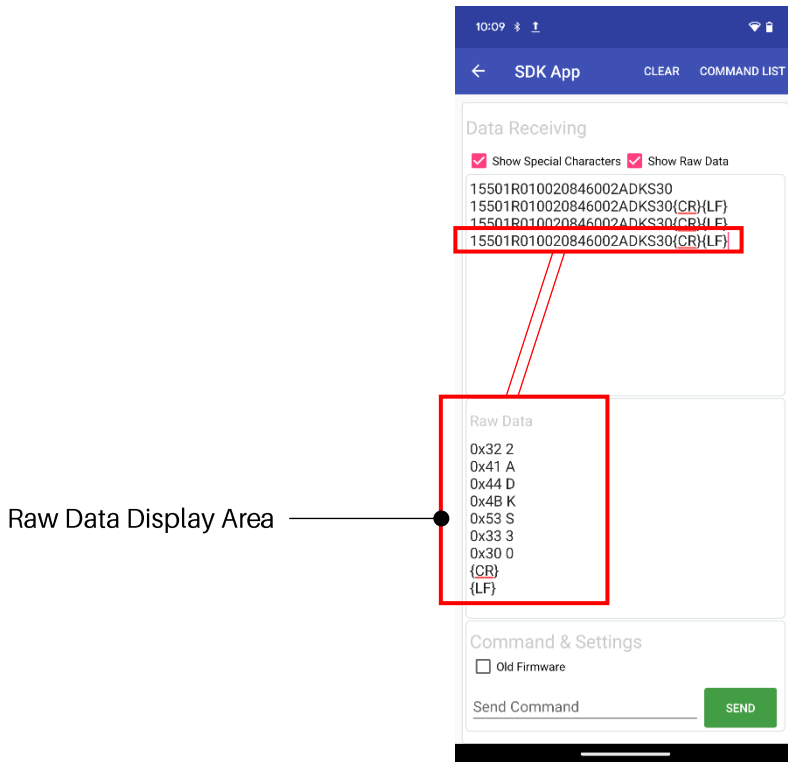
5. Interface and Function Introduction

5.1 Output Data Display – After successful connection, scan the barcode and the data will be displayed on the APP interface.
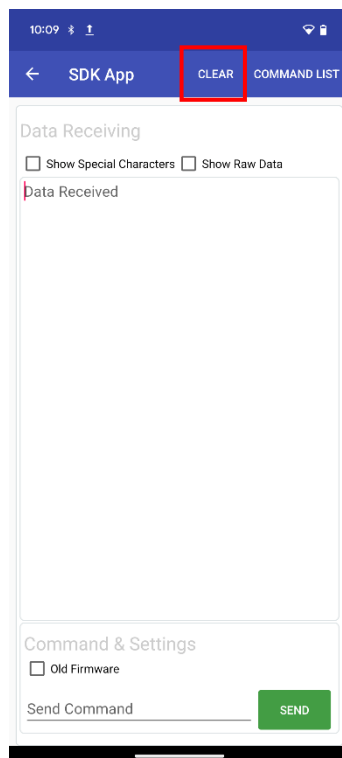
Data Display Area

5.2 Enable or disable "Show Special Characters" – After enable it, the output data displayed on the APP interface includes special characters.
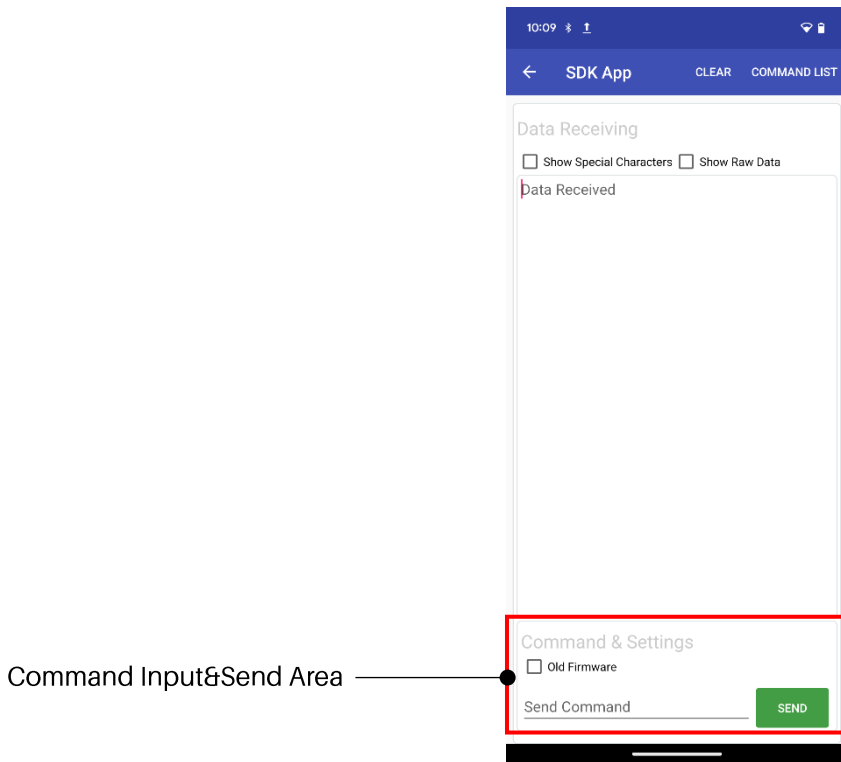
5.3 Enable or disable "Show Raw Data" – After enable it, the data display area will show barcode data and also the raw data after scanning.
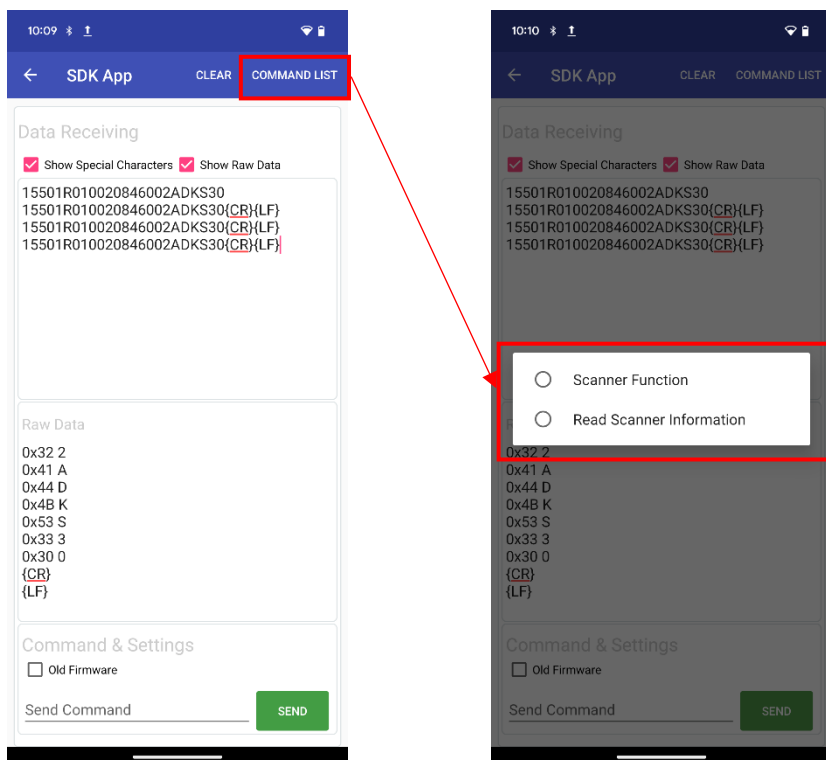
Raw Data Display Area

5.4 Clear data – the scanning history will be cleared once clicking on "CLEAR".
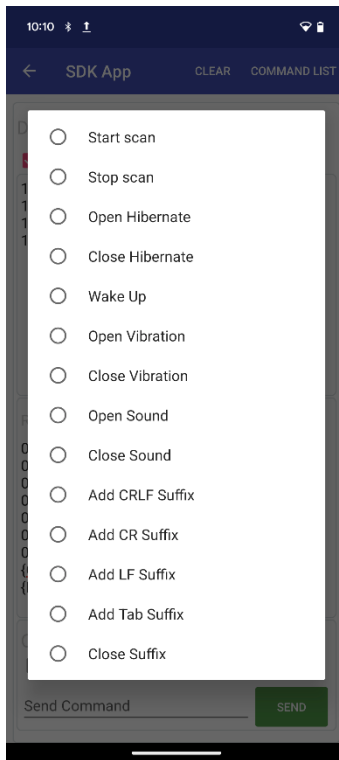
GENERALSCAN

5.5 Command sending – Input the command in the command input&send area, then click "SEND", the command will be transferred to scanner for configuration.

Command Input&Send Area

5.6 Command List – Click on "COMMAND LIST" icon in the red column at the image below for quick configure the corresponding commands, like "scanner function", "Read scanner information".

5.6.1 "Scanner Function" includes functions as shown in the image below.

5.6.2 "Read Scanner information" includes the information as shown in the image below.