

How to use Windows BLE Demo

(Applied to R1120 R152x R352X, and R552X series)

**Ver 1.0
12-9-2024**

Overview

This document is used to guide how to use the app “BLE Demo” to work with the scanner under Windows system.

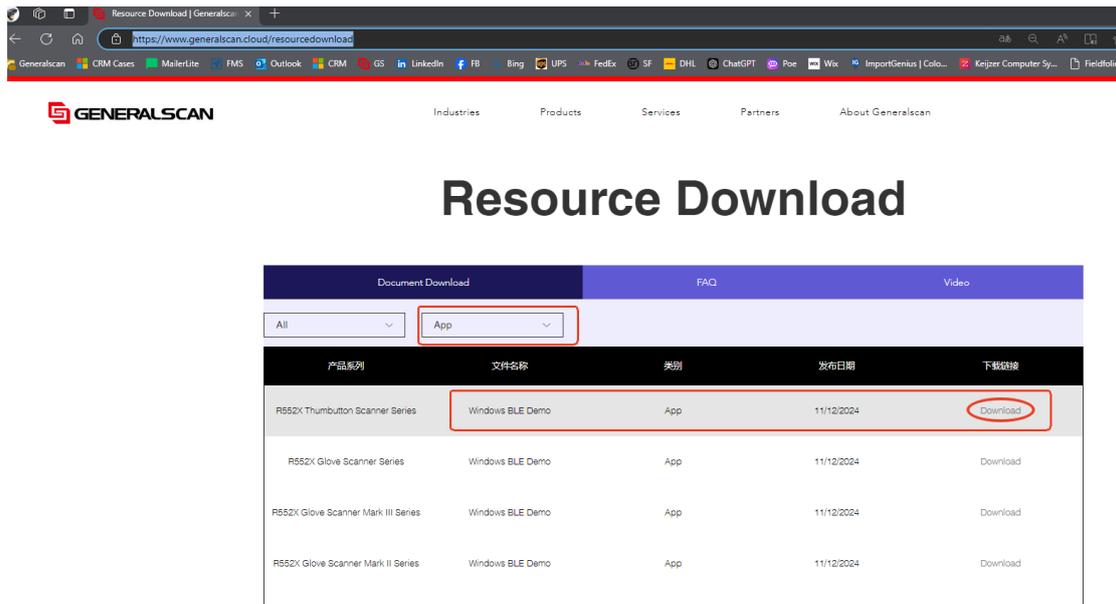
Steps

1. Download and install the app

1.1 Click this URL to enter the download page.

<https://www.generalscan.cloud/resourcedownload>

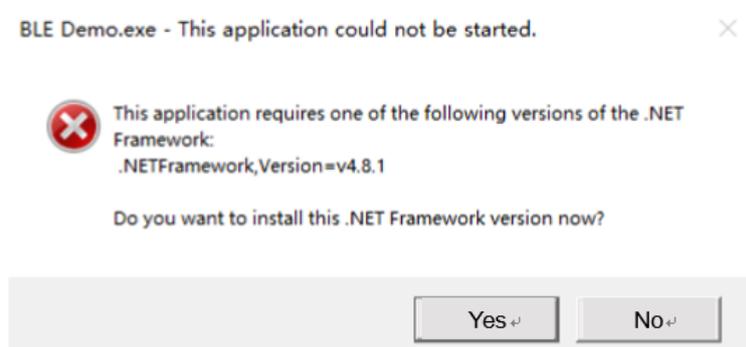
1.2 Click "Download" to download.



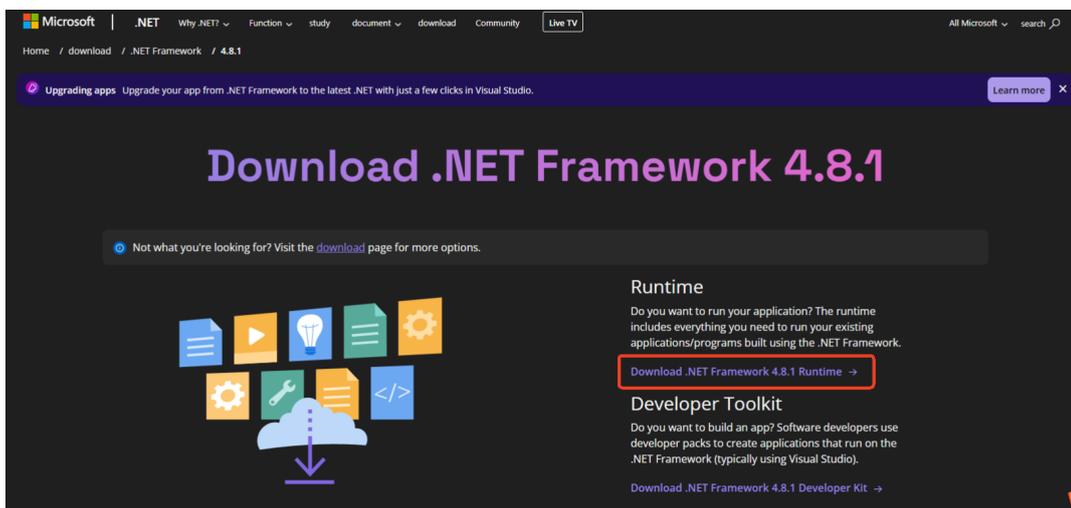
1.3 Unzip and double click the downloaded .exe file.

Name	Date modified	Type	Size
BLE Demo.exe	2024-12-02 7:41 AM	Application	392 KB
BLE Demo.exe.config	2024-11-17 9:32 AM	Adobe Acrobat 文...	1 KB
BLE Demo.pdb	2024-12-02 7:41 AM	PDB File	72 KB
BleSdk.dll	2024-12-02 7:41 AM	Application exten...	20 KB
BleSdk.pdb	2024-12-02 7:41 AM	PDB File	46 KB
NLog.dll	2024-09-13 12:43 AM	Application exten...	945 KB
zxing.dll	2023-02-23 4:37 AM	Application exten...	510 KB
zxing.presentation.dll	2023-02-23 4:37 AM	Application exten...	20 KB

1.4 There is a pop-up window at the first-time use, asking for installing “NETFramework”. Please click “Yes”.



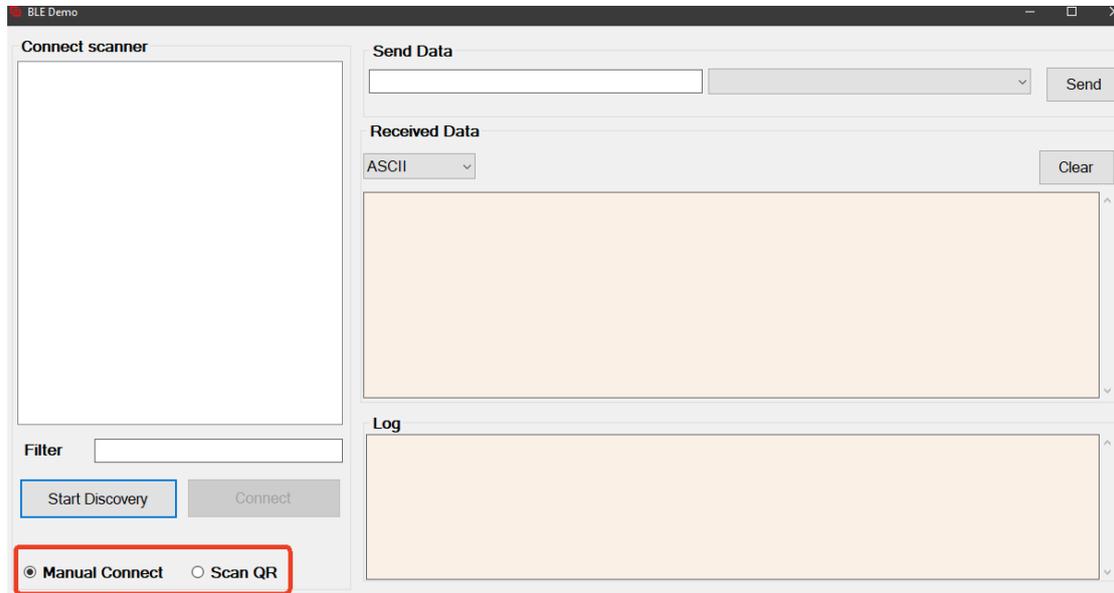
1.5 Then click “Download .NET Framework 4.8.1 Runtime” to download it.



1.6 Then install it following its steps.

2. Connection

“BLE Demo” app can be connected by two ways of “Manual Connect” and “Scan QR”.



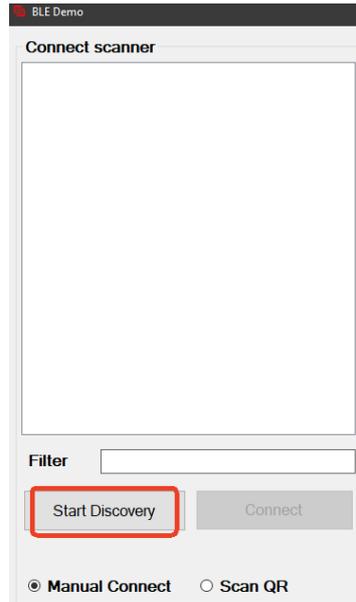
2.1 Steps of connection by “Manual Connect”

2.1.1 Switch the scanner to BLE mode by scanning the following barcode (The Blue LED blinks twice fast and one time slow).

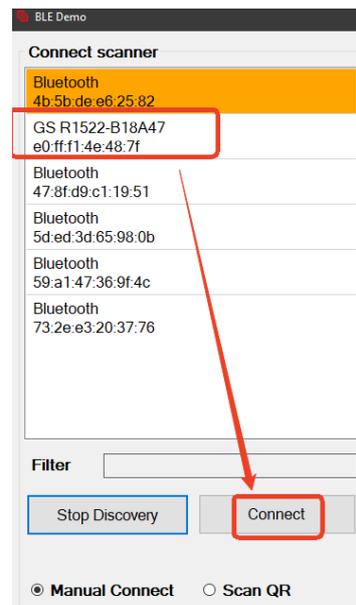


Bluetooth BLE Mode

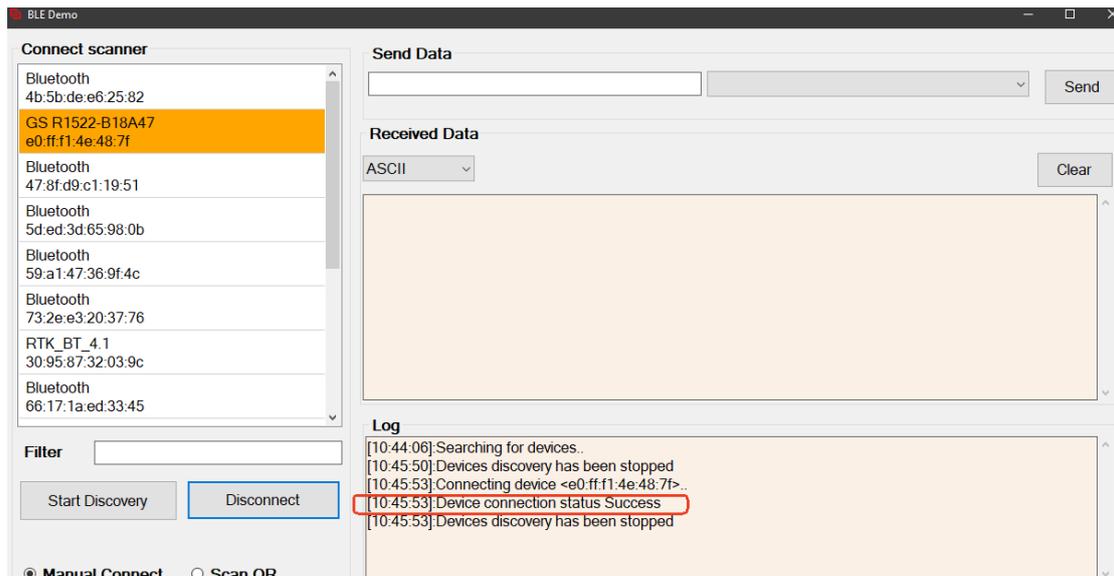
2.1.2 Open the app, the default connection way is “Manual Connect”, and then click “Start Discovery”.



2.1.3 Select the Bluetooth name of the device to be connected, then click “Connect”. (The demo scanner is R1522).



2.1.4 It will be shown successfully connected on the app after the right connection.



2.1.5 Now the scanner can work as normal.

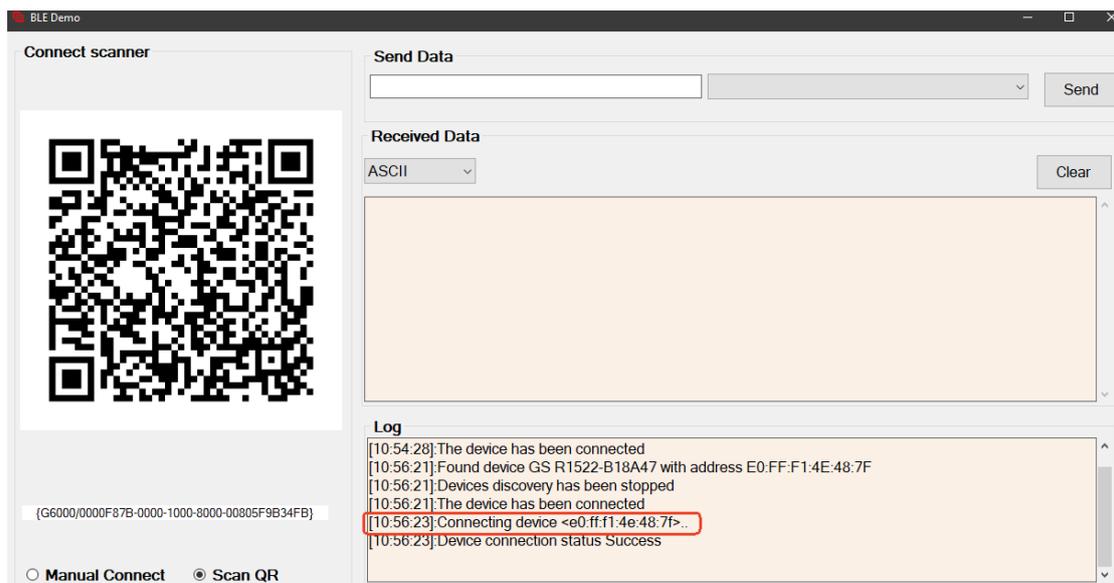
2.2 Steps of connection by “Scan QR”

2.2.1 This connection only can be used for firmware version V6.2.0 and the later versions.

2.2.2 Firstly click “Scan QR” from the app.



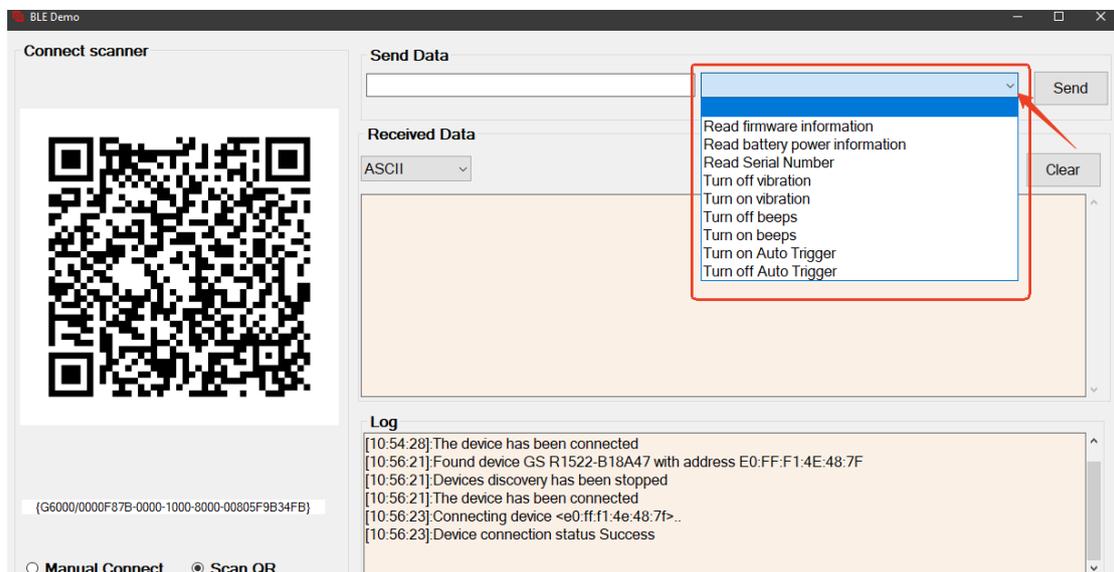
2.2.3 After the scanner powered on, scan the QR code shown on the app (There is no need to switch the scanner into Bluetooth BLE mode, the connection will be done under any mode after scanning this code.). After scanning the code, the connection will be automatically done. It will be shown successfully connect on the app.



2.2.4 Now the scanner can be work as normal.

3. Configure the scanner via APP

3.1 After the scanner connected successfully, select the related function by clicking command list menu to configure the scanner.



3.2 Send command in the app is another way to configure the scanner (Find “Generalscan Barcode Scanner Command Configuration Manual” to get more commands

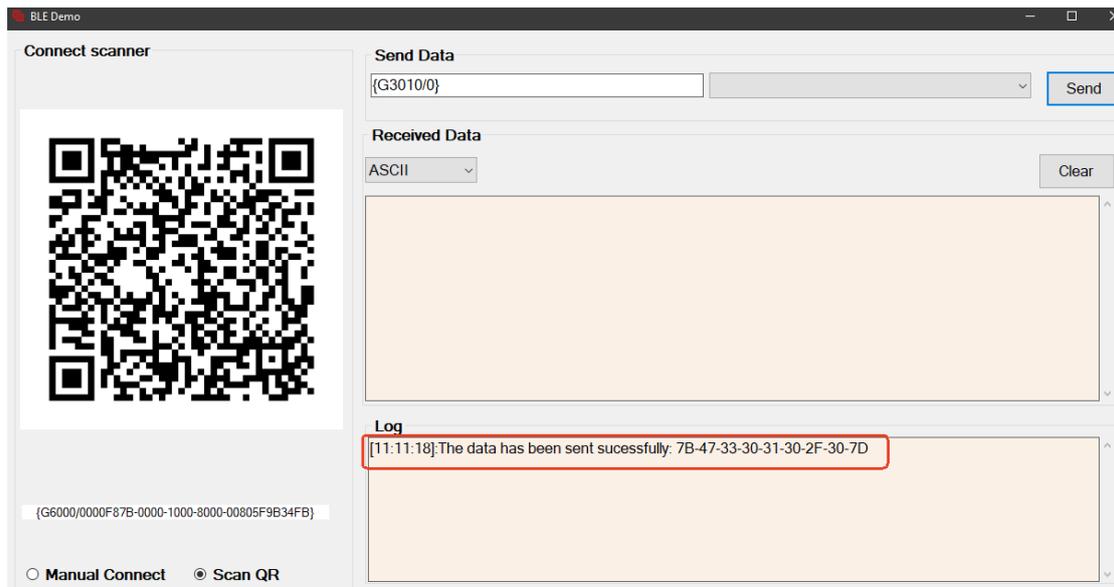
https://www.generalscan.cloud/files/ugd/46ce76_c80c271874f34e2b837adb91e31cbb36.pdf)

3.3 Example

3.3.1 Configure the scanner by sending command from the app.

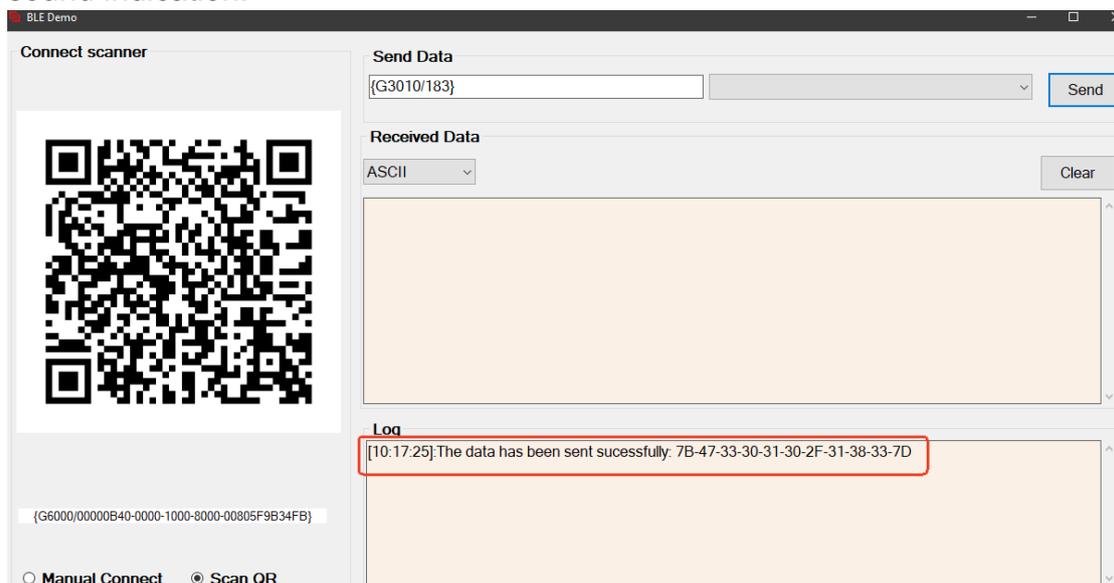
Disable the sound reminder when scanning barcode

Input {G3010/0} in “Send Data” column and send. There will be a hint of configure successfully in the “Log” column. Now scan barcode, there will be not any sound indication.



Enable the sound reminder when scanning barcode

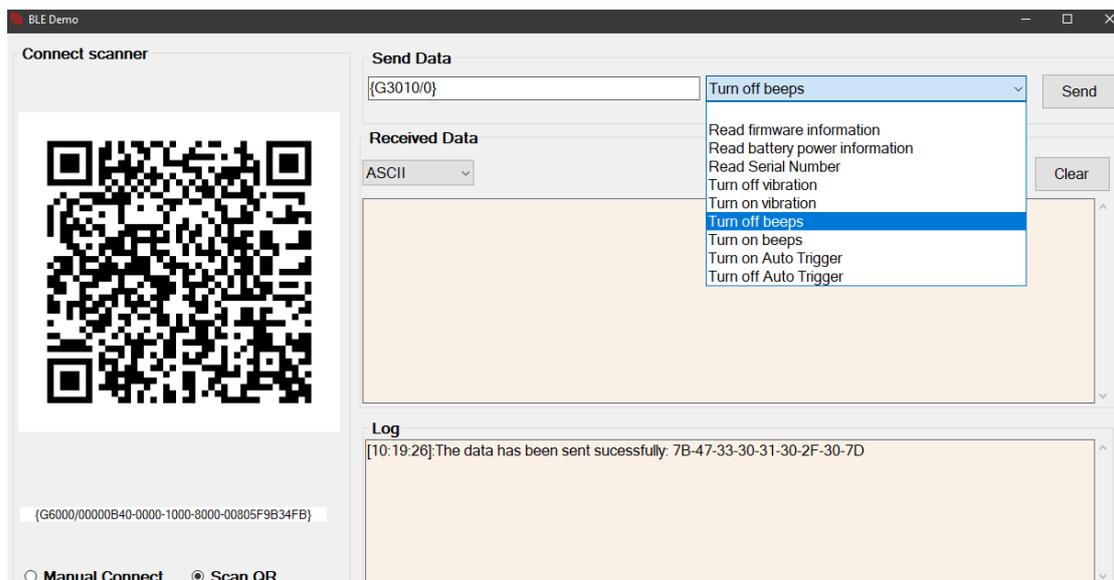
Input {G3010/183} in “Send Data” column and send. There will be a hint of configure successfully in the “Log” column. Now scan barcode, there will be sound indication.



3.3.2 Configure the scanner by selecting the related function from the command list menu.

Disable the sound reminder when scanning barcode

Select “Turn off beeps” from the command list, there will be no sound indication when scanning barcode.



Enable the sound reminder when scanning barcode

Select “Turn on beeps” from the command list, you can hear sound reminder when scanning barcode.

