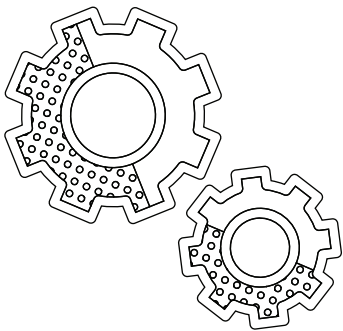


GENERALSCAN

# CONFIGURATION MANUAL

For R1521



EN

# GENERALSCAN Configuration Manual

This manual contains the basic configurations barcodes you need, you can adjust the settings and modes of your device according to your wishes.

## Copyright

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## Service Information

If there is a question with the barcode scanner, you can visit Generalscan website for live chat at [www.generalscan.cloud](http://www.generalscan.cloud)

# Bluetooth HID Mode

Step 1. The Bluetooth HID mode is a Bluetooth keyboard. When you scan the barcode, the data will be output at the cursor of the text.



**Bluetooth HID Mode(\*)**

The blue LED on your scanner is fast blinking. This means that the scanner is in pairing mode (HID mode).

Step 2. Turn on Bluetooth on the mobile terminal device.

Bluetooth

Currently visible to nearby devices



Step 3. Choose scanner needs to be connectd.

AVAILABLE DEVICES



R1521-XXXXXX



# Bluetooth HID Mode

The blue light on the scanner has turned off as the connection is completed and successful.



R1521-XXXXXX

Connected

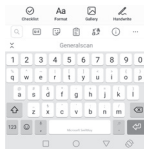
## Step 4.

Please open a notebook app on the mobile terminal, when you scan a barcode, its information will appear at the cursor. The barcode below is the one for testing.



Generalscan (Test Barcode)

Generalscan



# Bluetooth SPP Mode

The Bluetooth SPP mode is a Bluetooth serial port. You need a Bluetooth serial port software for data transmission. The SPP mode can also use the serial port software to send commands to the scanner. We provide Android Keyboard Pro App to help you convert serial data into keyboard data, which can output data at the cursor, or you can use it to send commands.

Step 1. Please scan Bluetooth SPP Mode barcode.



Bluetooth SPP Mode



Keyboard Pro

The blue LED on your scanner is slow blinking. This means that the scanner is in pairing mode (SPP mode).

Step 2. Please open Keyboard Pro on your Android mobile device and 'Turn on Bluetooth' on it, then change the keyboard into Generalscan Keyboard.

# Bluetooth SPP Mode

Step 3. Please click on  
'Connect Scanner'.



Step 4. Please click on  
'Bluetooth Scanner'.



Step 5. Please click on  
'Go select'.

Go Select

Step 6. Choose your  
'Barcode Scanner'.

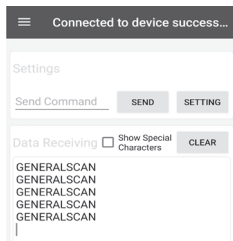


R1521-XXXXXX  
DC:0D:30:BB:1F:36

Step 7. Enter PIN  
'1234' and click next step.

'1234'

Step 8. You will be able  
to see the barcode  
information on your  
terminal device.



# Bluetooth BLE Mode

The Bluetooth BLE mode is a Bluetooth Low Energy protocol after the Bluetooth 4.0. You need a BLE software for data transmission. The BLE mode can also use the BLE software to send commands to the scanner. We provide Android Keyboard Pro App to help you convert BLE data into keyboard data, which can output data at the cursor, or you can use it to send commands.

Step 1. Please scan Bluetooth BLE Mode barcode.



Bluetooth BLE Mode



Keyboard Pro

The blue LED on your scanner is 2 fast and 1 slow blinking. This means that the scanner is in pairing mode (BLE mode).

Step 2. Please open Keyboard Pro on your Android mobile device and 'Turn on Bluetooth' on it, then change the keyboard into Generalscan Keyboard.

# Bluetooth BLE Mode

Step 3. Please click on  
'Connect Scanner'.



Step 4. Please click on  
'Bluetooth Scanner'.



Step 5. Please click on  
'Go select'.

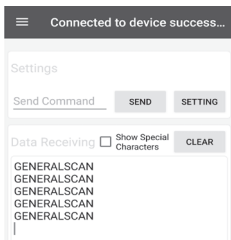
Go Select

Step 6. Choose your  
'Barcode Scanner'.



R1521-XXXXXX  
DC:0D:30:BB:1F:36

Step 7. You will able to see  
the barcode information  
on your terminal device.





# USB-HID Mode

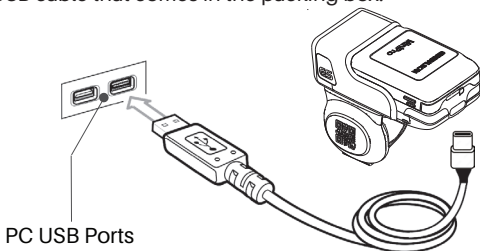
The USB-HID mode is a USB keyboard. When you scan the barcode, the data will be output at the cursor of the text.

Step 1. Please scan USB-HID Mode barcode.



USB-HID Mode

Step 2. Then connect your scanner to your computer with the USB cable that comes in the packing box.



# USB-HID Mode

Step 3. When the connection is successful, you will hear 3 beeps from your barcode scanner. After that, you can open a text file or your own software on your computer to scan. The information of the barcode scanned will be displayed at the cursor.



Generalscan (*Test Barcode*)



Untitled - Notepad

File Edit Format View

Generalscan  
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Generalscan

|

# USB-VCP Mode

To use the VCP Mode (Virtual COM Port), an application needs to be downloaded firstly. The one Generalscan suggested, except Generalscan Keyboard Pro is "Serial Debug Assistant". Please download and install it by scanning the barcode of guiding documents below. After setting, the barcode information will be output from this app.



User Guide

Scan the barcode below to enter into USB-VCP mode. Then set the following parameters from the serial debug software.



USB-VCP Mode

## PARAMETERS

Data Bits 8
Flow Control N
Stop Bits 1

# Quick Pairing App

Quick pairing connection of Generalscan scanners and the terminal device is available in Bluetooth HID mode and Bluetooth SPP mode. Please scan the barcode below for the methods of quickly pairing your Generalscan scanner with your terminal device.



Download the App



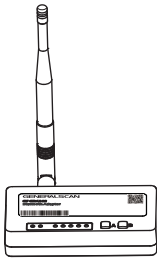
User Guide



How to Use Video

# Bluetooth Adaptor

For wider scanning range, you will need a Bluetooth adaptor to ensure a stable Bluetooth connection. Generalscan has the GDA 201 for you. You can also get video on how to use it by scanning the barcode below.



GS GDA201



User Guide



How to Use Video

# Suffix Settings

To add the suffix CR or LF or Tab, please scan the following code.



CR



LF



TAB

# Suffix Settings

To add the suffix CRLF, please scan the following code.



CRLF

You can disable the suffix by scanning the following code.



Disable Suffix

# Offline Storage Mode

Offline storage mode is for storing scanned barcodes in the scanner when Bluetooth is not connected, and can then be uploaded uniformly. You can enable or disable offline storage mode by scanning the following barcodes.



Enable Offline Storage Mode



Disable Offline Storage Mode(\*)

You can get the number of stored barcodes and clear the stored records by scanning the barcodes on the next page. Also you can upload barcodes at different speeds by scanning the barcodes on the next page.



# Offline Storage Mode



Fast Speed Upload



Middle Speed Upload



Low Speed Upload



Barcode Storage Information



Clear Barcode Storage

# Auto-Trigger Mode

You can turn on auto-trigger mode at different intervals, and auto-trigger mode does not go into hibernation.



Disable Auto Trigger(\*)



1 Second Auto Trigger



2 Seconds Auto Trigger



5 Seconds Auto Trigger

# Hardware Informations

You can access your device's software version, ID, battery level and serial number by scanning the barcodes below. Make sure your barcode scanner is connected to a device to view the data.



Firmware Version



Device ID



Battery Level



Serial Number

# Vibration Level

You can set the vibration level by scanning the following barcodes.



Vibration Off



Level 1



Level 2



Level 3(\*)



Level 4

# DFU Mode

Please scan the barcode below to switch to Device Firmware Update mode. After scanning this barcode, make sure that the blue and green LEDs of your device are constantly lit in sequence.



Enter DFU Mode

To download the software for upgrade application to your phone, you can scan the QR Code below with your phone's camera and access the application on our website. Only for Android.



OTA Tools

For leaving DFU mode, please restart your scanner.

# FAQ

Question	Solution
Why the blue LED does not blink?	Scanner is in Bluetooth HID pairing mode, in USB mode or Bluetooth connected.
Why the data is abnormal in HID Mode?	Please set your phone Keyboard to English.
Why bluetooth lost the connection in HID mode?	Press the trigger button to automatically connect back.
How can I change keyboard language?	Please use SPP mode and use Android Generalscan Keyboard Pro APP.
How the scanner power consumption is controlled?	Our all model's default has hibernation, you don't need to set.

# FAQ

Question	Solution
<p>Why the buzzer makes a low-frequency sound and shuts down or cannot be power on?</p>	<p>Indicates that the scanner is out of service and needs to be charged.</p>
<p>Why does the scanner take a short time to use?</p>	<p>The actual scan usage time is related to the frequency of use.</p>
<p>Why bluetooth can not connect?</p>	<p>Make sure the mode and device name are correct, or clear the pairing record to restart your phone and try again.</p>
<p>What to do if the scanner does not work properly?</p>	<p>Please scan the ' Default Factory Settings ' barcode .</p>

# Default Factory Setting

You can restore the default factory settings by scanning the following barcode.



Default Factory Settings

## Service Information

If you have a question with your GENERALSCAN barcode scanner, please visit our service page for assistance

[www.generalscan.cloud/services](http://www.generalscan.cloud/services)







## QUICK CONFIGURATION MANUAL

Email: [Support@generalscan.cloud](mailto:Support@generalscan.cloud)

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Version 2.0

For R1521



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