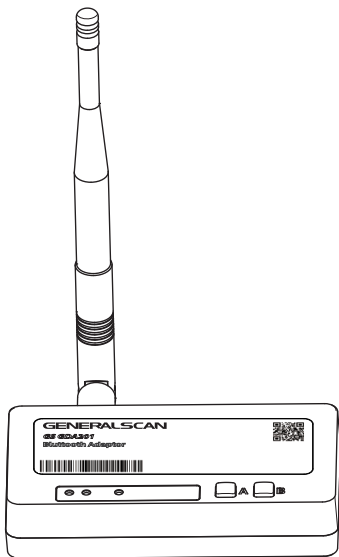


**GENERALSCAN**

# GS GDA201

**1V1 Bluetooth Adaptor**

**QUICK START GUIDE**



**EN**

## ■ GENERALSCAN QUICK START GUIDE

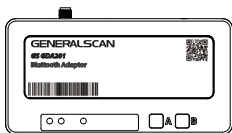
This guide introduces the basic using method and the basic parameters of the Bluetooth Adaptor GS GDA201, you can adjust the settings of your device according to your wishes and get it work easily. If any further questions, please contact us via email [support@generalscan.cloud](mailto:support@generalscan.cloud).

## ■ COPYRIGHT

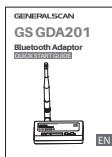
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## ■ UNPACKING

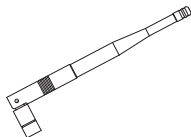
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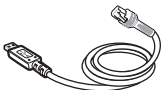
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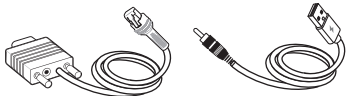
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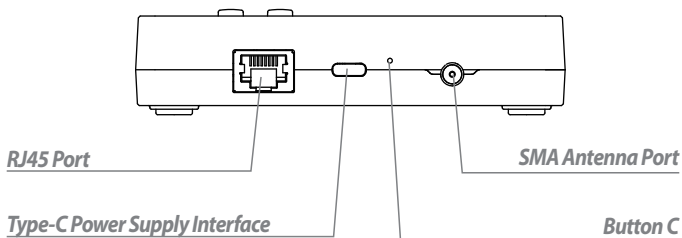
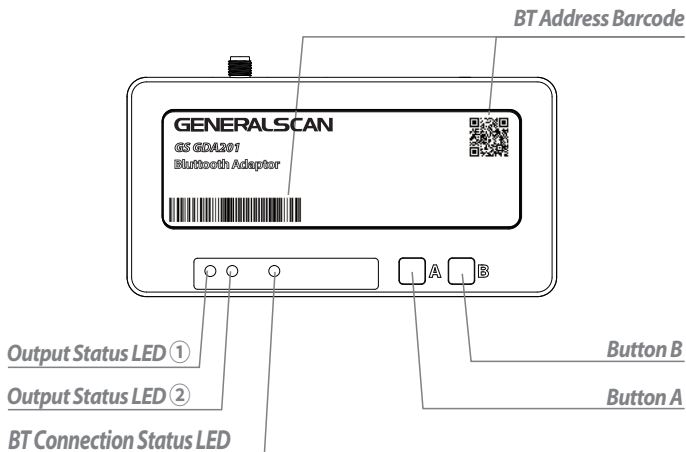


5



- ① GS GDA201 x 1    ② Quick Start Guide x1    ③ Antenna x1  
④ Cable for GDA201-RJ45/USB x1    ⑤ Cable for GDA201-RJ45/RS232 x1

## ■ FEATURES



## LED & BUTTON FUNCTION

LED and Button	Function and Description
Output Status LED ①: Green	GDA201-RJ45/USB: The light is on, in USB HID mode GDA201-RJ45/RS232: Light defaulted status is on
Output Status LED ②: Green	GDA201-RJ45/USB: The light is on, in USB VCP mode GDA201-RJ45/RS232: Light defaulted status is on
BT Connection Status LED: Blue	Light stays on when connected Light flashes slowly when connection failed
Button A: Output Mode Switch	GDA201-RJ45/USB: Press for 2s, switch USB HID to USB VCP mode GDA201-RJ45/RS232: No function
Button B: Clear Pairing Records	Press for 2s, the buzzer will sound a beep, release your hand, adaptor will disconnect and clear the pairing records
Button C: Reset Button	Press for 5s, factory settings restored, adaptor discon- nected, pairing records cleared Double quick clicks, local Bluetooth address outputted

## CONNECTS WITH SCANNER VIA BLUETOOTH

Press [BUTTON B] for 2s, the adaptor is ready for pairing. With a scanner, scan the Bluetooth address barcode on the top of the adaptor, wait for about 10 seconds, the scanner's blue light changes from slow flashing to off, while the adapter's blue light changes from slow flashing to constant on, and emits two beeps, Bluetooth connection is successful.

**Note:** Complete the pairing process within 2 meters.

## DISCONNECTS FROM SCANNER VIA BLUETOOTH

If the scanner and the adaptor exceed the communication distance, or if either of them loses power, the Bluetooth connection will be disconnected. At this time, the scanner's blue light will flash slowly, while the adapter's blue light will flash slowly and emit three beeps to indicate that the connection is disconnected. After disconnection, the data scanned by the scanner cannot be uploaded or retained.

## ■ RECONNECTS SCANNER VIA BLUETOOTH

Once the scanner disconnect with adaptor, the adaptor will try to reconnect the scanner automatically. During the reconnection process, the blue light of scanner flashes slowly, so does the blue light of adaptor. After successful reconnection, the scanner's blue light goes out, while the adaptor's blue light remains on and emits two beeps.

## ■ OUTPUT MODE SWITCH

Press [BUTTON A] for 2s and the buzzer will beep once. Release your hand and wait until the buzzer beeps three times. This means USB recognition and mode switching are successful, and the indicator light [Output Status LED ①] stays on when in USB HID mode, indicator light [Output Status LED ②] stays on when in USB VCP mode.

**Note:** GDA201-RJ45/RS232 does not have this function.

## ■ CLEAR PAIRING RECORDS

Press [BUTTON B] for 2s and the buzzer will beep once. Release your hand, by which the pairing records can be cleared. Do this if you need the adaptor to be paired with a new scanner.

## ■ RESTORE FACTORY SETTINGS

Use a paperclip or other slender object to press and hold [Button C] for 5 seconds. When you hear a beep from the buzzer, release, the factory settings is restored.

## ■ READ ADAPTOR BLUETOOTH ADDRESS

### **GDA201-RJ45/USB HID mode :**

Open a serial software and quickly double-click the [BUTTON C] with a paperclip or other slender object, the adaptor Bluetooth address will be outputted at the cursor.

### **GDA201-RJ45/USB VCP mode, GDA201-RJ45/RS232 :**

Open a serial software and quickly double-click the [BUTTON C] with a paperclip or other slender object, the adaptor Bluetooth address on the serial software interface will be outputted at the cursor.

**Note:** If it is necessary to create an address barcode based on the read bluetooth address, the bluetooth address must be in uppercase letters.

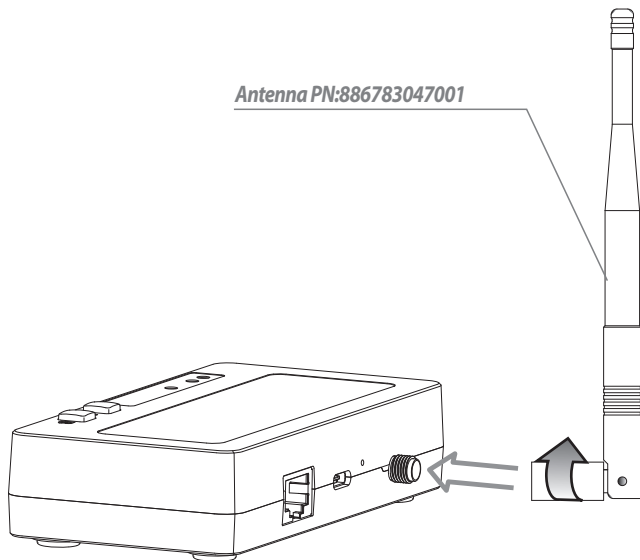
## ■ POWER ON AND POWER OFF

Automatically power on when connected to the power supply, automatically power off.

when disconnected with the power supply.

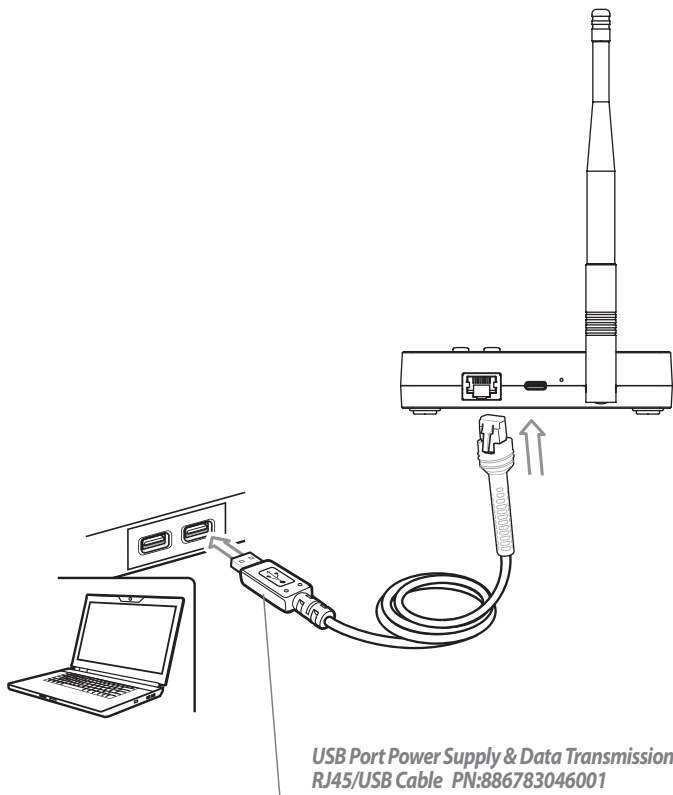
## ■ ANTENNA INSTALLATION

Screw the outer antenna into the SMA Antenna Port.



## ■ DATA OUTPUT MODE

**GDA201-RJ45/USB refer to the picture as below**



## ■ DATA OUTPUT MODE

### 1. USB HID mode(Default)

**Step1.** Connect RJ45/USB Cable.

**Step2.** Switch adaptor to USB HID mode.

**Step3.** Bluetooth connection with scanner.

**Step4.** Open a notebook application. When you scan a barcode, the data will appear at the cursor.

### 2. USB VCP Mode

**Step1.** Connect RJ45/USB Cable.

**Step2.** Switch adaptor to USB VCP mode.

**Step3.** Bluetooth connection with scanner.

**Step4.** Open a serial port application, when you scan a barcode, the data will be output in the serial port application.

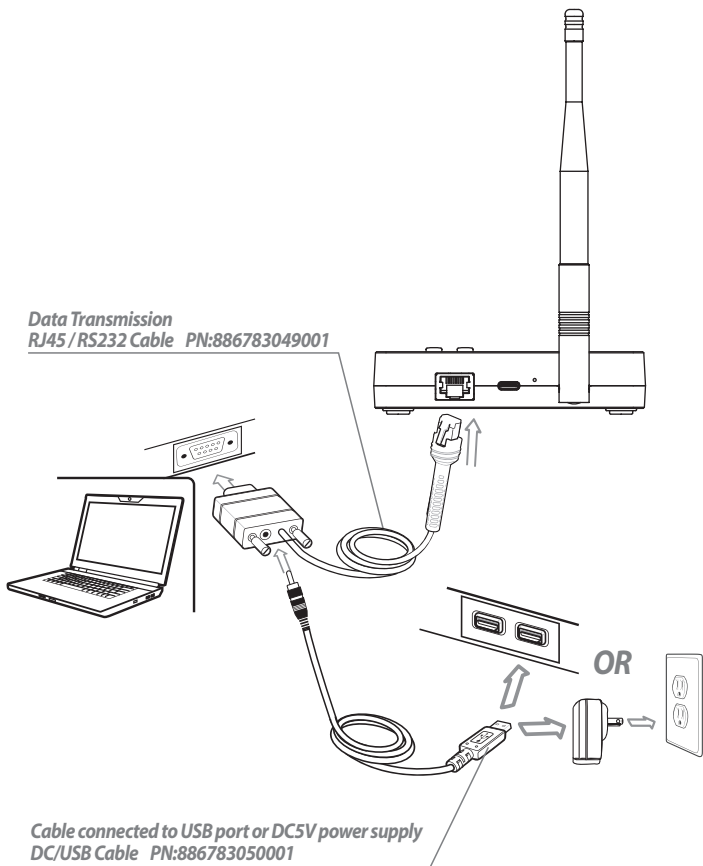
## PARAMETERS

Baudrate 115200	Data Bits 8	Flow Control N	Stop Bits 1
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## DATA OUTPUT MODE

**GDA201-RJ45/RS232 refer to the picture as below**



## ■ DATA OUTPUT MODE

### RS232 Mode

**Step1.** Connect RJ45 / RS232 Cable with DC/USB Cable.

**Step2.** Connect scanner via Bluetooth.

**Step3.** Open a serial port application, when you scan a barcode, the data will be output in the serial port application.

### PARAMETERS

Baudrate 115200	Data Bits 8	Flow Control N	Stop Bits 1
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## ■ BASIC SETTINGS

After the adaptor is successfully connected to the scanner, it can be configured by scan following barcode.



Read Bluetooth Address



Read Firmware Version



Read Adaptor ID

## BASIC SETTINGS



Turn on Beep Sound



Turn off Beep Sound



Low Speed HID Mode



Default HID Speed

## BASIC SETTINGS



Clear Pairing Records



Turn Off BT Address Code Recognition



Turn Off BT Address Code Recognition



Restore Factory Settings

## Q & A

Problem	Possible Causes	Possible Solution
GDA201-RJ45/ USB out put LED doesn't light up	COMM cable abnormality	Replace cable
	No virtual serial port driver in VCP mode	Install virtual serial port driver
BT connection failed	Damaged address barcode, scanning failed	Read the adaptor BT address and retry the connection steps
	Adaptor is connected to other devices	Press [button B] for 2s, clear pairing records, try again
	Pairing distance exceeds 2 meters	Finish pairing in 2 meters
	Connection timed out	Try reconnection in steps again
COMM unstable, Wrong data transmission	Outer antenna is loose	Tighten it
	The adapter is connected or paired with another device.	Clear repairing records, try again
	Output mode error	Check output mode
	Obstacles blocking the signal	Shorten the distance between scanner & adaptor, move obstruc- tions away
	Communication distance exceeding 50 meters without obstruction	Ensure communication within 50m without obstructions
Terminal output text garbled	Non English keyboard layout	Switch keyboard to English status
	Keyboard transmission speed is too fast	Switch the adaptor to low-speed HID mode
GDA201-RJ45/ RS232unable to start	No power	Connect the USB port by a DC/USB cable or DC5V adaptor for power supply
GDA201-RJ45/ RS232 no data output	Wrong data setting at serial port	Reset data, try connection in steps
Others	-	Restart or restore adaptor to factory settings, restart scanner

## **Service Information**

If you have any question of your GENERALSCAN product, please visit our service page for assistance.

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

# **QUICK START GUIDE**

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