This manual introduces connection methods about Generalscan all serial bluetooth scanner and other Bluetooth-enabled devices (including computers under Windows system, Android phones, Android Tablet PC, the iPhone,Ipod Touch, the iPad) and steps described in detail, to enable customers to easily scan barcode data to all kinds of terminal.

### 1 Connection Steps under Windows System (including Windows XP, Win dows7)

To Connect with PC ,we recommend you use GS-D100BT bluetooth adapter to connect with Generalscan bluetooth scanner.GS-D100BT has USB port or RS232 port ,You don't need install any driver in the windows, GS-D100BT can pair with Generalscan bluetooth scanner automatically without any setting in the windows.



Use Instruction:

First ,For USB type,plug the USB-A to PC and plug Micro USB to GS-D100BT.Power on with USB cable ,For RS232 port ,Power the RS232 cable with 5V DC.

When good power on ,the Red LED will light on .The Blue LED will blink for waiting priring .You can find USB keyboard device when GS-D100BT-USB plug into USB port for windows system .



Long press Mode Change Button for 6 second, The Bluetooth mode will change from Mater to Slave and vice versa. If GS-D100BT work in Master mode, Scanner must work in Slave mode for pair usage. If GS-D100BT work in Slave mode, Scanner must work in Master mode .Normally, Scanner will work in Slave mode and GS-D100BT work in Master mode. The GS-D100BT will beep one time after success mode change .

Long press Reset Clear Button for 6 second, GS-D100BT will clear memory for last connected scanner. GS-D100BT will beep one time after successful reset, at same time, the blue LED will blinking again .It indicate GS-D100BT is ready for pairing the new scanner.

At this time ,please use scanner scan the SPP mode barcode(Note:GS-D100BT only support SPP Bluetooth transmission protocol):



Bluetooth SPP Mode

First ,Switch Scanner to Bluetooth SPP mode. (Above Image)

## 

#### BlueTooth pairing mode

Second ,Scan Pairing Barcode to make scanner ready for pairing(Above Image).

Third, Power off all scanner which unpaired(already paired scanner do not need power off), Only left the scanner for pairing .Long press reset button for 6 second, The GS-D100BT will blinking for ready pairing.

After few second, both blue LED for scanner and GS-D100BT will be stop blink. It indicate successful paired with scanner and GS-D100BT.

At last, You can scan the barcode into Notepad or input textbox in your application..

3. Fixed Application

GS-D100BT have fixed accessory like bracket and rubber disc.



- 2. Connection step for Bluetooth HID mode with Android System:
  - PleaseensureyourphonewithBluetoothHID(Ifyourphonedon'thaveHID,thefollowing SPP mode pairing). The steps of connection are in case of Samsung Note 2 Android smart phone.
  - (2) Or Scan the following barcode to change into HID mode and the pairing mode.



Bluetooth HID Mode



BlueTooth pairing mode

(3) Please enter the "Wireless and Network" option. Then choose "Bluetooth Settings" to connect, as shown in Figure 10.

	* 📶 🛑 06:39
🔯 Settings	
Wireless and network	
🫜 Wi-Fi	
Bluetooth	
🚮 Data usage	
••• More settings	
Device	
술 Home screen mode	
locking mode	Ο
Sound	
Display	
E Storage	

Figure 10

(4) Start the Bluetooth scanning device searching feature, then the phone will search the surrounding Bluetooth devices within 10 meters, and Show them on the screen, as shown in Figure 11;

	* 📶 🗖 06:39					
< 🔯 Bluetooth						
My device						
GT-N7105 Not visible to other Blue	tooth devices					
Available devices						
🕮 Generalscan HID E	Barcode Scann					
■ DC:2C:26:D7:AA:8	A					
DC:2C:26:B1:69:44	4					
Scan						

(5) Select "Generalscan Bluetooth 3.0 Barcode Scanner "from the list, and enter pairing mode, as shown in Figure 12;



(6) When successfuly paired, the scanner will show paired devices list. And system will show as connected to input device as following picture.



(6) Choose "not to use code matching" option and connect scanner and phone, the phone will prompt the pairing has been successful, as shown in Figure 13 and 14;

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			ш		0				

#### 3. Connection step for Bluetooth SPP mode with Android System:

Duo to some Android smart phone support Bluetooth HID protocol not very well .It can not connect Generalscan Bluetooth scanner with HID mode, In general ,Android support SPP protocol very well .Generalscan Bluetooth scanner can support HID and SPP protocol at the same time .You only need scan the HID or SPP barcode to switch two mode .

First ,Please scan SPP mode barcode and scan Bluetooth Pairing barcode ,Then the Android smartphone will finde the scanner .



Bluetooth SPP Mode

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BlueTooth pairing mode

Second ,After you scan Bluetooth pairing mode barcode ,scanner blue LED will blink always,It indicate the scanner is waiting pairing .

Please download Generalscan Blueinput IME for android from the following address: http://www.icloudscan.net/gs-blueinput.apk

Or please visit the following webpage for detail information : http://

www.iclouds can.net/en-us/gs-blue input-en.php

Please copy gs-blueinput.apk to your smartphone ,install it and run it .you will see the following interface.

Please following the widzard to connect barcode scanner .

Ý 💼		12:06 🔽 👔
Finish	Bluetooth Keyboard	Feedback
Hov met	w to use the Generalscan B thod	luetooth input
The first st method	tep: the activation of Gener	alscan input
		Choose
The secon matching e	d step: open the Bluetooth equipment,matching numb	and er is 1234
		Open
The third s list, select	tep: through the Bluetooth the device to be connected	equipment 1
		Select
The fourth input meth	step: enable Generalscan od	Bluetooth
		Change
	The final star: testing	and activation

**Step 1:** Activate Generalscan Bluetooth Input Method. Click the "choose" in following image, and then appear the interface shown in figure 3. Please select the "Generalscan Keyboard", as shown in following image. Then return and complete the choice .

Ý 🖬 💼 🤅 🔅 🗊 🛂	12:06
< 🔯 Language and input	
Keyboards and input methods	
Baidu Input	₽
🗹 Generalscan Keyboard	\$
Google Pinyin Chinese Pinyin	\$
Google voice typing	\$
Samsung Chinese IME	₽
	\$

**Step2:** In the Bluetooth setting interface, enable bluetooth ,and Click Searching button, Smartphone will find "Generalscan SPP Barcode Scanner"

	İ	*	$\bigodot$		12:07
<	Bluetooth				
My	device				
_	<b>GT-I9300</b> Only visible to p	paired	dev	ices	
Paiı	red devices				
<b>·</b>	Generalscar Paired	n SPF	ΡB	arc	₽
Ava	ilable devices			O Sca	anning
•	Generalsca	n SPF	РВ	arcoc	le S
	gs-wangy				
		Stop			

Click the Scanner name ,the system will require you input PIN number ,The PIN number is 1234. And then click OK .

		12	Ĩ II. 🕄 🛇	12:08				
Bluetooth pairing request								
T G	To pair with: GS-spp							
E	nter that de	evice's PIN	:					
	•••							
Т) П	Try 0000 or 12	34)						
	ptor DIN on	aning letters o						
			ice as well					
	Cancel		ОК					
+	1	2	3					
-	4	5	6	*				
/	7	8	9	#				
ВТ	0	0	_	ų				

**Step 3.** Return Bluetooth Keyboard widzard interface, Select the paired scanner as IME input source.



Step 4 .Choose Generalscan Keyboard as default input method.



**Step 5.** Click the test interface, Generalscan Blueinput will communicate with scanner and connect with the scanner automatically.

Back Test Clean					
0Activation successful					
Introduce		WebSiteQ			

GS-M500BT





If amart phone can not connect scanner automatically, please manual connect scanner with press keyboard "Connect" or "Disconnect" button again.

🔔 🛌 📟 💼	* 🖄	🗊 📶 🛑 12:15
Back	Test	Clean
6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 6935840910605 Activation succe	essful	
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	GS-M500BT	

1	2	3	4	5	6	7	8		9	0
Devices			Scan				Function			
About Connect			D	iscon	nec	t	<	DEL X		
0	A	LT	,	L	_			?	K	ч

#### 4. Connection steps on Table PC with Android System:

(1) Please ensure your Tablet has enabled Bluetooth. The steps of connection are

in case of Google Nexus 7.

(2) Scan the following barcode (shown in following picture) to change into the pair-

ing mode.



Bluetooth HID Mode

BlueTooth pairing mode

(3) In system setting interface ,enable bluetooth setting to ON, Please reference the following image.

	Ś.	8 🖓 🗖 12:00
	Settings	
WIR	ELESS & NETWORKS	
(11-	Wi-Fi	ON
*	Bluetooth	ON
	Data usage	
	More	
DEV	ICE	
•(•)	Sound	
٢	Display	
-	Storage	
1	Battery	
	Apps	
<u>_</u>	Users	
PER	SONAL	
¢	Location access	
•	Security	
A.	Language & input	
Ð	Backup & reset	
ACC	OUNTS	

(4) .Click the Search button ,system will finde the keyboard device. System will find "Generalscan HID Barcode Scanner"

<b>L</b> Ø	Ś.	🔊 🛑 12:01
<	Bluetooth	ON SEARCHING
	Nexus 7 Not visible to other Bluetooth devices	
AVA	ILABLE DEVICES	0
==	DC:2C:26:D7:AA:8A	
Ľ	ZWYVERN	

(5) Click the Paired device and connect it .

Saving	screenshot			
<b>∢</b> B	luetooth	ON	SEARCH FOR DEVICES	
	Nexus 7 Only visible to paired devices	3		
PAIRED	DEVICES			
	Generalscan HID Barco Connecting	ode Scanner		
AVAILA	BLE DEVICES			
	ZWYVERN			
	$\leftarrow$	$\bigcirc$		

(6) When successfuly connect the paired device, the system will show as conected.

Then you can scan barcode to your tablet .

Saving	screenshot			
< <u>−</u> •− Bl	uetooth	ON	SEARCH FOR DEVICES	5
	Nexus 7 Only visible to paired devices			
PAIRED	DEVICES			
	Generalscan HID Barco Connected	ode Scanner		- <del>1-</del> -1- 1-
AVAILA	BLE DEVICES			
묘	ZWYVERN			
	$\leftarrow$			

(7). You can scan the barcode into the notepad application or the position of cursor blinking.

⊾ 🕑 ኛ 🗛				🛞 🔿 💼 1	12:01
< <sub>2</sub>			•	Ó,	:
<b>Title</b> 69353640 69353640 69353640 69353640 69353640	50412 50412 50412 50412 50412				
69353640 69353640 69353640	50412 50412 50412 50412				
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(8) If the system soft keyboard can not display, you switch the hardware physical keyboard to OFF status. The software keyboard will display again ,please reference the following picture .

۵ 🐲 🖪				8	3:10
		•		<	:
6935364050412					
6935364050412 6035364050412					
6935364050412					
6935364050412					
6935364050412					
ABCDEFG01234567					
ABCDEFG01234567					
ABCDEFG01234567					_
Choose input metl	hod				
Hardware Physical keyboard			OI	F	
Baidu Input For Androi	d PAD				
English (US) Google Keyboard				O	
Google voice typing					
	Set up input method	S			
$\leftarrow$	$\frown$				

(9) When you disable phycial keyboard setting ,the soft keyboard will show again !



#### 4 Connection steps on iPhone or Ipod Touch:

- (1)Please ensure that the iPhone or Ipod touch has Enable Bluetooth;
- (2)Due to iOS system only support Bluetooth HID mode, so make sure your scanner switch HID mode ,please scan Bluetooth HID mode barcode below
- (3)Then scan the Bluetooth Pairing barcode (shown in Following picture) to change into the pairing mode.



Bluetooth HID Mode

## 

BlueTooth pairing mode

(3) Please enter into the "general" option, then choose "Bluetooth" and "open", as shown in Figure 21.

II中国联通 3G 12:37		
Settings	_	
Airplane Mode	OFF	
🗢 Wi-Fi Not Con	nected >	
Bluetooth	Off >	
ල Personal Hotspot	Off >	
Carrier CHN-U		
<b>C</b> Do Not Disturb	OFF	
Notifications	>	
General	>	Figure 2

(4) iPod will automatically search for Bluetooth devices within 10 meters,

and displayed on the screen, as shown in Figure 22, 23;

■■■_ 中国联通 3G	12:48			∎∟中国联通	3G <b>12:48</b>	* 🖾
Settings	Bluetooth		<	Settings	Bluetooth	
Bluetooth		OFF		Bluetoo	th	ON
				Devices	Prove and the second se	
				General	scan HID Bar	Not Paired
					Now Discoverab	le
	Figure 22		13		Figure 23	

(5) Select "Generals can Bluetooth 3.0 Barcode Scanner "from the list, and they

will pair automatically. If pairing is successful, it will show as Figure 25 or Figure



(6) After a successful connection, the scanning device can be used, and the decoded data will be displayed on the phone screen, shown in Figure 26.



You can scan barcode into note pad or the positon of cursor blink.

You can also double click trigger button to hide and display soft keyboard for iOS

Please reference left picture.

14

Figure 26

#### **5** Connection steps on iPad:

- (1) Please ensure that the iPad has enable Bluetooth function;
- (2) Scan the Page 12 Bluetooth HID barcode and Bluetooth pairing barcode (shown in Page 12) to change into the pairing mode.
- (3) Please enter into the "general" option, then choose "Bluetooth" and "open", as shown in Figure 27.

iPad	12:39 64% 🔳
Settings	Bluetooth
Airplane Mode	
Wi-Fi Not Connected	Bluetooth
Bluetooth Off	
SSH On	
C Do Not Disturb	
Notifications	
General 1	
Sounds	
🙀 Brightness & Wallpaper	
Picture Frame	
Privacy	
iCloud	
Mail, Contacts, Calendars	
Notes	
Reminders	
O Messages	
FaceTime	
Maps	
Mafari	
iTunes & App Stores	
📁 Music	

(4) iPad will automatically search for Bluetooth devices within 10 meters, and displayed on the screen, as shown in Figure 29;

iPad		12:40	* 64% 💷
	Settings	Bluetooth	
≁	Airplane Mode OFF		
Ŷ	Wi-Fi Not Connected	Bluetooth	
*	Bluetooth On	Devices	
۶	SSH On	Generalscan HID Barcode Scanner	Not Paired
C	Do Not Disturb	MQTQRQLQ-GS	Not Paired
	Notifications	ZWYVERN	Not Paired
<b>_</b>	notinoutiono	Now Discoverable	
3	General 1		
•))	Sounds		
<b>*</b>	Brightness & Wallpaper		
2	Picture Frame		
	Privacy		
0	iCloud		
	Mail, Contacts, Calendars		
	Notes		
	Reminders		
	Messages		
	FaceTime		
19	Maps		
	Safari		
$\textcircled{\begin{tabular}{ c c c c } \hline	iTunes & App Stores		
5	Music		

(5) Select "Generals can Bluetooth 3.0 Barcode Scanner "from the list, and they will pair automatically. If pairing is successful, it will show as Figure 31.

iPad	12:40 🖹 64% 💷
Settings	Bluetooth
Airplane Mode	
Wi-Fi Not Connected	Bluetooth
Bluetooth On	Devices
SSH On	Generalscan HID Barcode Sc Connected 📀
C Do Not Disturb	MQTQRQLQ-GS Not Paired
Notifications	Now Discoverable
General 1	
Sounds	
🙀 Brightness & Wallpaper	
Picture Frame	
Privacy	
🙆 iCloud	
Salendars Mail, Contacts, Calendars	
Notes	
Reminders	
O Messages	
S FaceTime	
Maps	
Safari	
iTunes & App Stores	
🗾 Music	

(6) After a successful connection, the scanning device can be used, and the decoded data will be displayed on the phone screen, shown in Figure 32. You can double click trigger button to hide or display soft key board.

iPad		12:40	≵ 64% ■♪
Notes		117530470110	(+
	Today		9月14日 12:40
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Figure 32

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