Tera 1100C Wireless Barcode Scanner User Manual

Contents

Tera

Tera 1100C Wireless Barcode Scanner

About This Manual

- An asterisk (*) next to an option indicates the default setting.
- Scanners are factory-programmed for the most common terminal and communications settings.
- If you need to change these settings, programming is accomplished by scanning the barcodes in this manual.
- **Note:** If there is no further setting command within 20 seconds, the scanner will automatically exit the programming mode.
- For correct and effective use of the product, please read this manual carefully and do not scan configuration barcodes at random. Some settings would otherwise be temporarily unavailable.
  The scanner's keyboard layout default is a US keyboard.

Restore the Default Setting

Restore the default settings

You may use this barcode in the following situations:

1. Scanner setting errors, such as being unable to read the barcode.
2. Forget what settings were made to the scanner before, and don't want to use the previous settings.
3. After setting and using some functions that are not often used.

Display battery power

Check version number

Wireless Operation Mode

- **Normal Mode**
  After setting normal mode, the user can scan the normal codes with the scan-and-transmit function, and discard when disconnected.

Normal Mode*

- **Storage Mode:**
  When the scanner is powered off or turned off, the data stored in the scanner will not be lost unless all data is cleared.

Storage mode

Upload all data

Upload the total number of data

Clear all data

Communication Mode

Wireless 2.4G mode

Bluetooth HID mode

Bluetooth SPP mode

Bluetooth BLE mode

Wireless Pairing Settings

Wireless 2.4G pairing steps (receiver pairing)

- **Step 1:** Scan”wireless 2.4G mode”.
- **Step 2:** Scan”Forced pairing” to enter pairing mode, the blue light on the left will flash quickly.
- **Step 3:** Plug in the Dongle (USB receiver), hearing a beep sound indicates pairing succeeds. The blue light on the right will always be on.

Wireless 2.4G mode

Forced pairing

Note: When the scanner is in the pairing state, double-click the button, or the pairing time extends 1 minute will exit the pairing state.

Bluetooth HID Pairing Steps

- **Step 1:** Scan the “Bluetooth HID mode”setting code.
- **Step 2:** Scan the “Forced pairing”setting code to enter the pairing state, the blue light on the left will flash quickly.
- **Step 3:** Turn on Bluetooth and find”BarCode Bluetooth HID” in the device.
- **Step 4:** Click”BarCode Bluetooth HID”, then the Bluetooth device will enter the pairing state.
- **Step 5:** Hearing a beep sound indicates pairing succeeds. The blue light on the right will always be on.


Bluetooth HID mode


Forced pairing

Note: When the scanner is in the pairing state, double-click twice or the pairing time extends 1 minute will exit the pairing state. When using the Bluetooth Scanner, the Bluetooth connection can be faster by turning on the setting that long press for 8 seconds to enter Bluetooth HID search.


Long press for 8 seconds to enter Bluetooth HID search On


Long press for 8 seconds to enter Bluetooth HID search Off

Bluetooth SPP/BLE Pairing Steps

- **Step 1:** Scan”Bluetooth SPP mode”setting code. When setting wireless Bluetooth SPP/BLE mode, it will automatically enter the SPP/BLE mode and enter the broadcast state by default.
- **Step 2:** Find”BarCode Bluetooth SPP/BLE”in the software
- **Step 3:** Click Bluetooth device to enter pairing state
- **Step 4:** Hearing a beep sound indicates that pairing succeeds. The blue light will always be on.


Bluetooth SPP mode


Bluetooth BLE mode

Bluetooth HID Upload Speed Settings

Please turn down the speed if the uploaded content is disordered or lost.


High upload speed


Medium upload speed*


Low upload speed


Ultra-low upload speed

Modify Bluetooth Name Settings

The following steps can be used to customize Bluetooth HID, SPP and BLE Bluetooth name.

Example:

Set Bluetooth name to: Scanner.

- **Step 1:** Scan the”Customize Bluetooth name setting code.
- **Step 2:** Generate and scan Bluetooth name barcode.


Customize Bluetooth name


Example:
Bluetooth name Scanner

After settings finished:

- Bluetooth HID name is displayed as Scanner HID;
- Bluetooth SPP name is displayed as Scanner SPP;
- Bluetooth BLE name is displayed as Scanner BLE.

Note:

- The length of the name can only be set up to 16 bytes. The scanner only takes the first 16 bytes as the Bluetooth name if the name barcode exceeds 16 bytes.
- **The full name of Bluetooth includes:** Bluetooth name+protocol type. Only the Bluetooth name can be modified. The names of all Bluetooth protocols have been changed after modifying the Bluetooth name.

Scanning Mode


Button-press Mode


Always on/Continuous mode*

Prompt Sound Settings


Mute


High-tone prompt sound*


Medium-tone prompt sound


Low-tone prompt sound

Vibration Settings


Vibration On *


Vibration Off

Sleep Time Settings


Sleep time 1min


Sleep time 5min*


Sleep time 10min


Sleep time 30min


Always On


Sleep immediately

IOS System HID Virtual Keyboard Settings


Double-click to display IOS keyboard function On (HID mode)


Double-click to display IOS keyboard function Off (HID mode)

End Character Settings


CR


LF


CR+LF

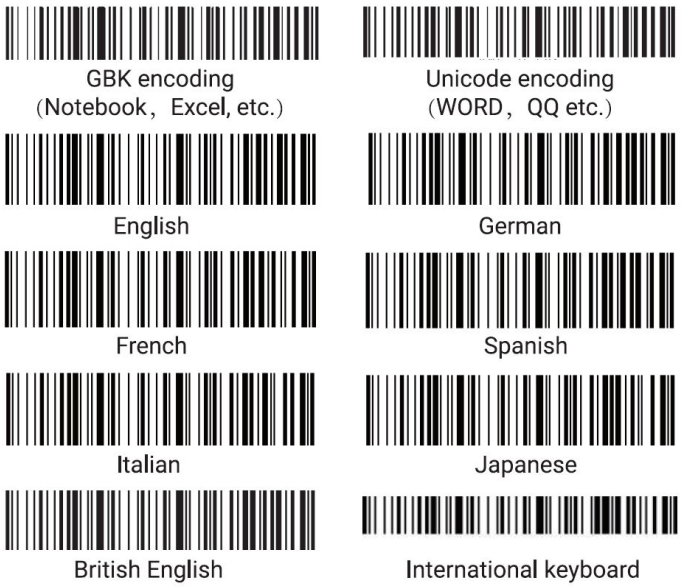

TAB


None

Keyboard Language Setting

The keyboard layout and symbols corresponding to different languages are different. The scanner can be virtualized into different keyboard system of different countries according to the real-life requirements. The keyboard layout is suitable for HID communication interface mode. The default keyboard system is”American English keyboard”.

Note: Please contact customer service if more national language settings are needed.

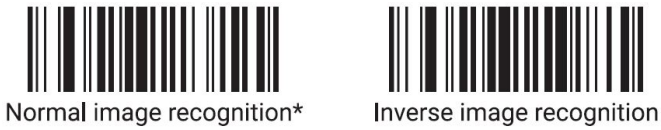


Upper/Lower Case Settings

Note: This parameter is only valid in standard keyboard input mode and keyboard simulation input control character mode.

Barcode Parameter Settings

Image reversal settings



UPC-A

UPC-A barcode is fixed to 12 characters. The 12th character is the check character, which is used to check the correctness of all 12 characters. The default setting is to transmit the check character.

*Leading character transmit On

Leading character transmit Off

UPC-A to EAN-13 On

*UPC-A to EAN-13 Off

UPC-E

UPC-E On*

UPC-E Off

check character transmit On*

check character transmit Off

*Leading character transmit On

Leading character transmit Off

UPC-E to UPC-A On

*UPC-E to UPC-A Off

EAN-13

EAN-13 On*

EAN-13 Off

Convert to ISBN

Barcode information convert On

Barcode information convert Off*

Convert to ISSN

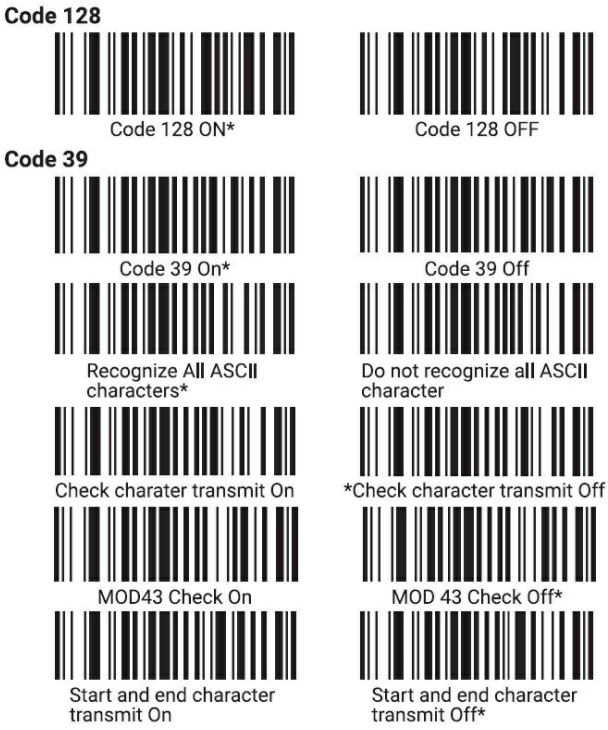
Barcode information convert On

Barcode information convert Off*

UPC/EAN/JAN Addenda Settings

The addenda refers to the 2 or 5-digit digital barcode added after the normal barcode. As shown below the barcode in the blue frame on

Code 128 – Code39



Code32

Note: When Code 32 is turned on, code 39 will be affected. Code 32 Pharmaceutical can be read only when code 39 is allowed to read without check character.

Codabar (NW-7)


Codabar On*


Codabar Off


Start and end character transmit On


Start and end character transmit Off*

Interleaved 2 of 5


Interleaved 2 of 5 On*


Interleaved 2 of 5 Off


Check character transmit On


Check character transmit Off*


Check On


Check Off

Matrix2 of 5


Matrix 2 of 5 On*


Matrix 2 of 5 Off

MSI


MSI On


MSI Off*

GS1 DataBar 14


GS1 DataBar 14 On


GS1 DataBar 14 Off*

GS1 DataBar Limited


GS1 DataBar Limited On


GS1 DataBar Limited Off*

Customize Prefix/Suffix Settings

This product supports up to 32 byte prefix/suffix settings.

Add Custom Prefix

- **Step 1:** scan”Add custom prefix”setting code.
- **SteP2:** According to the prefix content to be added, query the’ASCII Table”and scan the corresponding setting code in order.


Add custom prefix

Example: Set to add custom”789″to”ABC123″and output”789ABC123″.

- **Step 1:** scan”Add custom prefix”setting code.
- **Step 2:** According to the content to be added, querv”ASCII Table”and scan the corresponding setting code of’f7″,”8″and”9″.

Clear Custom Prefix

- **Step 1:** Scan”Add custom prefix”setting code.
- **Step 2:** Scan”Exit setting”setting code.


Add custom prefix


Exit setting

Add Custom Suffix

- **Step 1:** scan”Add custom suffix”setting code.
- **Step 2:** According to the suffix content to be added, query the”ASCII Table”and scan the corresponding setting code in order. (the content of escape character set needs to scan the corresponding 0-3 character set)


Add custom suffix

Example: Set to add custom”XYZ”to”ABC123″and output’ABC123XYZ’.

- **Step 1:** scan”Add custom suffix”setting code.
- **Step 2:** According to the content to be added, query”ASCII Table”and scan the corresponding setting code of”X”,”Y”and”Z”.

Clear Custom Suffix

- **Step 1:** Scan”Add custom suffix”setting code.
- **Sten 2.** Scan”Exit settina”settina code

Hide Prefix/Suffix Character

Set the digit of the hidden prefix/suffix according to the following steps, the digit is up to 4 digits.

- **Step 1:** Scan”Hide prefix”or”Hide suffix”setting code.

- **Step 2:** Scan the following barcode according to the digit of prefix or suffix that need to be hidden.

Clear Hidden Prefix/Suffix

- **Step1 :** Scan”Hide prefix”or”Hide suffix”setting code.
- **Step 2:** Scan”Exit setting”setting code.

Appendix-ASCII Table

The prefix/suffix settings are divided into two parts:

- control character table part and printable character table part.
- Printable character table can be output directly through HID keyboard without escape.
- Control character table cannot be directly output through HID keyboard, need to escape to output through HID keyboard.
- Users can set escape character set according to their own requirement.

Set escape character set 0

Set escape character set 1

Set escape character set 2

Set escape character set 3

ASCII	Character set 0	Character set 1	Character set 2	Character set 3	Setting Code
SOH	NULL	Home	Ctrl+A	Alt+001	%%01
STX	Ctrl+B	End	Ctrl+B	Alt+002	%%02
ETX	Ctrl+C	Up Arrow	Ctrl+C	Alt+003	%%03
EOT	NULL	Down Arrow	Ctrl+D	Alt+004	%%04
ENQ	NULL	Left Arrow	Ctrl+E	Alt+005	%%05
ACK	NULL	Right Arrow	Ctrl+F	Alt+006	%%06
BEL	NULL	Shift+Tab	Ctrl+G	Alt+007	%%07
BS	Back Space	Back Space	Back Space	Alt+008	%%08
HT	Tab	Tab	Tab	Alt+009	%%09

LF	Enter	Enter	Ctrl+P	Alt+010	
VT	NULL	NULL	Ctrl+Q	Alt+011	
FF	NULL	NULL	Ctrl+R	Alt+012	
CR	Enter	Enter	Enter	Alt+013	
SO	F1	Page Up	Ctrl+N	Alt+014	
S1	F2	Page Down	Ctrl+O	Alt+015	
DLE	F3	F11	Ctrl+P	Alt+016	
DC1	F4	NULL	Ctrl+Q	Alt+017	
DC2	F5	NULL	Ctrl+R	Alt+018	
DC3	F6	NULL	Ctrl+S	Alt+019	

DC4	F7	NULL	Ctrl+T	Alt+020	
NAK	F8	F12	Ctrl+U	Alt+021	
SYN	F9	F1	Ctrl+V	Alt+022	
TB	F10	F2	Ctrl+W	Alt+023	
CAN	F11	F3	Ctrl+X	Alt+024	
EM	F12	F4	Ctrl+Y	Alt+025	
SUB	NULL	F5	Ctrl+Z	Alt+026	
ESC	ESC	F6	Ctrl+[	Alt+027	
FS	ALT+028	F7	Ctrl+\	Alt+028	
GS	ALT+029	F8	Ctrl+]	Alt+029	

RS	NULL	F9	Ctrl+^	Alt+030	%%1E
US	NULL	F10	Ctrl+_	Alt+031	%%1F

ASCII	Setting Code	ASCII	Setting Code
Space	%%20	!	%%21
"	%%22	#	%%23
$	%%24	%	%%25
&	%%26	'	%%27
(	%%28	)	%%29

*	%%2A	,	%%2C
+	%%2B	-	%%2D
.	%%2E	/	%%2F
0	%%30	1	%%31
2	%%32	3	%%33
4	%%34	5	%%35

6	 %%36	7	 %%37
8	 %%38	9	 %%39
:	 %%3A	;	 %%3B
<	 %%3C	=	 %%3D
>	 %%3E	?	 %%3F
@	 %%40	A	 %%41

B	 %%42	C	 %%43
D	 %%44	E	 %%45
F	 %%46	G	 %%47
H	 %%48	I	 %%49
J	 %%4A	K	 %%4B
L	 %%4C	M	 %%4D

N	 %%4E	O	 %%4F
P	 %%50	Q	 %%51
R	 %%52	S	 %%53
T	 %%54	U	 %%55
V	 %%56	W	 %%57
X	 %%58	Y	 %%59

Z	 %%5A	[	 %%5B
\	 %%5C	]	 %%5D
^	 %%5E	_	 %%5F
`	 %%60	a	 %%61
b	 %%62	c	 %%63
d	 %%64	e	 %%65

f		g	
h		i	
j		k	
l		m	
n		o	
p		q	

r		s	
t		u	
v		w	
x		y	
z		}	
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DEL		ç	

If you need any product support, please contact our customer service.

Important Notice: Please attach your Amazon Order Number and Product Model Number in the email.

Official Customer Service

- **Email Addresses:**
  - service-us@tera-digital.com
  - service-eu@tera-digital.com
  - service-uk@tera-digital.com

Cell/WhatsApp (service in English): +8613382526580

If you want to learn more about our brand or need a digital user manual of the latest version, please visit our official website via the links below or by scanning the given QR code:

- https://tera-digital.com/
- https://tera-digital.com/pages/user-manual

FREQUENTLY ASKED QUESTIONS

What is the Tera 1100C Wireless Barcode Scanner?

The Tera 1100C Wireless Barcode Scanner is a handheld device designed to scan and decode barcodes wirelessly, making it a valuable tool for various applications, including retail and inventory management.

How does the Tera 1100C Barcode Scanner work?

The Tera 1100C Barcode Scanner uses a built-in sensor and wireless technology to capture barcode data, decode it, and transmit the information to a connected device or computer.

What types of barcodes can the Tera 1100C Scanner read?

The Tera 1100C Scanner can read a wide range of barcode types, including UPC, EAN, QR codes, DataMatrix, and many more. Check the product specifications for the complete list.

Is the Tera 1100C Scanner compatible with various operating systems?

The Tera 1100C Scanner is typically compatible with multiple operating systems, including Windows, iOS, and Android, allowing for flexibility in device connectivity.

Is there a specific app or software required for using the scanner?

You may need to install a specific app or software on your computer or mobile device to use the Tera 1100C Scanner effectively. The manufacturer's instructions will provide guidance.

What is the wireless range of the Tera 1100C Scanner?

The wireless range of the Tera 1100C Scanner may vary, but it's typically designed to work within a certain range, allowing for flexible scanning.

Can the scanner operate in standalone mode without a connected device?

The Tera 1100C Scanner may offer standalone mode, allowing you to scan barcodes and store data in the scanner itself, which can later be transferred to a device when needed.

Does the scanner come with a rechargeable battery?

Many models of the Tera 1100C Scanner come with a built-in rechargeable battery, providing portability and convenience. Check the product details for battery life information.

What is the scanning speed of the Tera 1100C Scanner?

The scanning speed of the Tera 1100C Scanner can vary depending on the model, but it is generally designed for quick and efficient barcode scanning.

Is the Tera 1100C Scanner suitable for rugged use?

The durability and ruggedness of the Tera 1100C Scanner may vary. Some models are designed to withstand drops and impacts, while others are more delicate.

Can I customize the data format for scanned barcodes?

Some Tera 1100C Scanners allow users to customize the data format for scanned barcodes, allowing you to match specific requirements and systems.

Is the scanner suitable for inventory management?

The Tera 1100C Scanner is commonly used for inventory management, as it streamlines the process of scanning and recording product information.

What is the warranty period for the Tera 1100C Barcode Scanner?

The warranty typically range from 1 year to 2 years.

Can the scanner be used in low-light conditions?

The Tera 1100C Scanner may have built-in illumination features or use ambient light to enable barcode

scanning in low-light conditions.

Is customer support available for technical issues?

Customers can often contact the manufacturer's customer support for assistance with technical issues related to the Tera 1100C Barcode Scanner, ensuring reliable support and troubleshooting.

Is there an option for hands-free scanning with the Tera 1100C Scanner?

Some Tera 1100C Scanners support hands-free scanning when placed in a stand or holder, allowing for continuous scanning without manual effort.

VIDEO – PRODUCT OVERVIEW

DOWNLOAD THE PDF LINK

https://manuals.plus/wp-content/uploads/2023/10/Tera-1100C-Wireless-Barcode-Scanner-User-Manual.mp4

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