

TR-UM015

Tera

Model No.: L8100

Industrial Laser Barcode Scanner

User Manual



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Factory Default

Please scan the barcodes below to set it to factory default settings if the barcode scanner can't work properly due to inappropriate settings.



Factory Default

Check Version Information

Scan the following barcode to check version information.



Show Version Information

Bluetooth Pairing

Pair with devices equipped with Bluetooth Modules (include Android, IOS, Windows)

1. Press and hold the power button for 8 seconds or scan the barcode below to get the scanner ready for pairing, with the display flashing.



Pairing Mode

2. Enable Bluetooth on the target device and locate Barcode Scanner HID, tap/click it to pair the device with the scanner. A beep can be heard when pairing succeeds. (At the same time, the status bar will show the connection status)

Note:

When the scanner is in pairing mode and fails to detect any pairing request within 1 minute, it will beep twice to indicate

failure to pair and restore to the previous working mode. Besides, a double pull on the power button will exit pairing mode.

Other Bluetooth Profiles

Scan the barcodes below depending on your needs to get the scanner ready for pairing.



Bluetooth HID



Bluetooth SPP



Bluetooth BLE



Long-press to Enter
Bluetooth HID Pairing On



Long-press to Enter
Bluetooth HID Pairing Off

Bluetooth Name Settings

1. Scan "Rename" barcode
2. Generate a barcode whose contents are within 16 characters(Barcode Generator Needed)
3. Scan the generated barcode to set up Bluetooth name.



Rename



Default Name

Show up/Hide IOS System Keyboard



Show up/Hide Keyboard



Double Pull to Show up IOS Keyboard



Double Pull to Hide IOS Keyboard

2.4G Wireless Pairing

Pair with the USB dongle to work with PCs that are not equipped with Bluetooth modules.

1. Scan the 2.4G Pairing Mode barcode.



2.4G Pairing Mode

2. Scan the barcode below to enter pairing mode, with the display flashing.



Pair with the USB Dongle

3. Plug in the USB dongle. If there is a beep, it means that the pairing has succeeded. (At the same time, the status bar will show the current connection status)

Note: When the scanner is in pairing mode and fails to detect any pairing request within 1 minute, it will beep twice to indicate failure to pair and restore to the previous working mode. Besides, a double pull on the power button will exit pairing mode.

2.4G Virtual COM Mode(For any support, please contact Tera customer service)

1. Scan the barcode below



2. Scan the following barcode



3. Plug in the USB dongle to a USB port. The scanner will emit a beep when pairing succeeds and the COM port will appear on the device manager interface. (At the same time, the status bar will show the connection status)

Note:

When the scanner is in pairing mode and fails to detect any pairing request within 1 minute, it will beep twice to indicate failure to pair and restore to the previous working mode. Besides, a double pull on the power button will exit pairing mode.

Case Conversion



Convert All Characters
to Lower Case



Convert All Characters
to Upper Case



Conversion Off



Invert Case of All Characters

Sound and Vibration



Sound On



Sound Off



Vibration On



Vibration Off

Sleep Timer



1 min



5 mins



10 mins



30 mins



Never



Sleep Immediately

Terminators



Add CR (Carriage Return)



Add LF (Line Feed)



Add CR & LF



Clear CR & LF



Add TAB

Keyboard Country Layout



United States



Germany



France



Spain



Italy



Japan



International



Belgium (French)



Portugal



United Kingdom



Brazil (Portuguese)



Switzerland (French)



Russia



Czech



Canada (French)



Poland



Mexico (Spanish)



Hungary



Sweden/Finland



Argentina(Latin America)



Norway(Wirtten)



Switzerland (German)

Transfer Speed

Choose a transfer speed depending on the processing speed of your PC.



Fast



Medium



Slow



Ultra-slow

Operation Modes

Normal Mode

Normal Mode is also called real time mode. In this mode, the scanner transmits the barcode contents immediately after the barcode gets decoded, and discards when disconnected.



Normal Mode

Inventory Mode

Inventory Mode is also called Storage Mode or Batch Mode. In inventory mode, the decoded contents will be stored in the memory of the scanner instead of being transmitted to the host device. If you need to check or clear the contents, please scan the barcodes below. It is recommended to select storage mode if the scanner is to operate beyond wireless range. The data stored in the memory won't get lost when it is powered off or shut down unless the Clear All Barcodes Stored barcode is scanned.



Inventory Mode

Scan “Total Records” barcode to check total counts



Total Records

Transmit Data



Transmit All Barcodes Stored

Clear Data



Clear All Barcodes Stored

Hide the First/Last Characters

1.Scan “Hide the First Characters” barcode or “Hide the Last Characters” barcode.



Hide the First Characters



Hide the Last Characters

2.Select the digits to be hidden



1 digit



2 digits



3 digits



4 digits



5 digits



6 digits



7 digits



8 digits



9 digits



10 digits



11 digits



12 digits



13 digits



14 digits



15 digits



16 digits

3. Clear Character Hiding Settings.



Clear Hiding the First Characters



Clear Hiding the Last Characters

Time Prefix/Suffix

1. The selections in this section are used to add a time prefix or a time suffix.



Time Prefix



Time Suffix

2. Clear Time Prefix/Suffix



Clear Time Prefix/Suffix

If you need to update time, please contact Tera customer service.

Prefix/Suffix Overview

How to add printable characters, whose entries are above 32, as a prefix or a suffix.

1. Scan “Add Prefix” barcode or “Add Suffix” barcode.



Add Prefix



Add Suffix

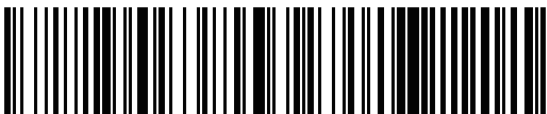
2. Scan desired characters from Appendix B Printable Characters

How to add control characters, whose entries are below 31, as a prefix or a suffix

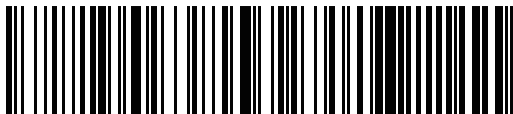
1. Scan the Character Set barcode depending on your needs.



Character Set 0



Character Set 1



Character Set 2



Character Set 3

2. Scan “Add Prefix” or “Add Suffix”



Add Prefix



Add Suffix

3. Scan desired barcodes from Appendix A Control Characters.

Clear Prefix/Suffix



Clear Prefix



Clear Suffix

Symbologies

UPC-A



On*



Off



Transmit Check Digit*



Don't Transmit Check Digit



Don't Transmit System Digit



Transmit System Digit*



UPC-A Converted to EAN-13

UPC-E



On*



Off



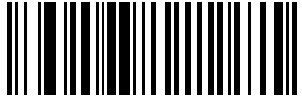
Transmit Check Digit*



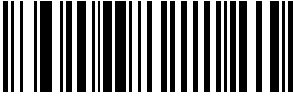
Don't Transmit Check Digit



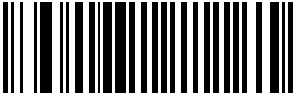
Don't Transmit System Digit`



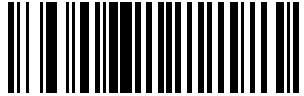
Transmit System Digit*



Add Leading Zero

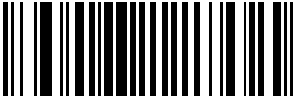


UPC-E converted to UPC-A



Conversion Off*

EAN-8

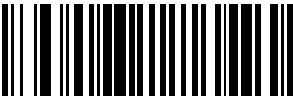


On*

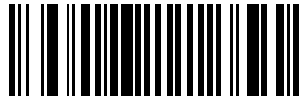


Off

EAN-13

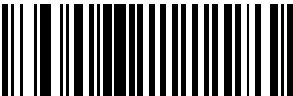


On*



Off

Code 128



On*



Off

Code 39



On*



Off



Check Digit



No Check Digit*



Transmit Check Digit



Don't Transmit Check Digit*

Code 32



On



Off*

Full ASCII Code 39



On



Off*

Code 93



On



Off*

Code 11



On



Off*

Interleaved 2 of 5



On



Off*

Codabar

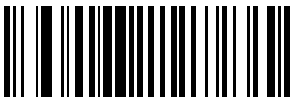


On



Off*

MSI






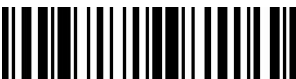

On


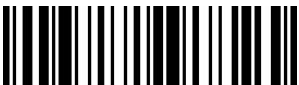
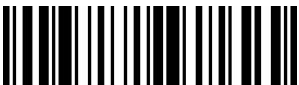
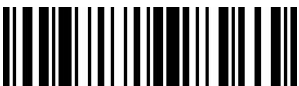

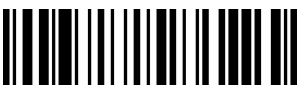


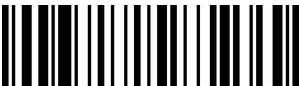


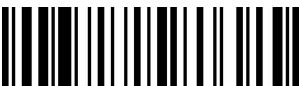
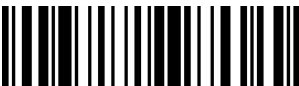
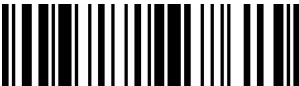
Off*







Appendix A

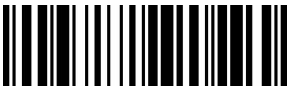





Control Characters (Entries below 31)

DEC	ASCII	Character Set 0	Character Set 1	Character Set 2	Character Set 3
Setting Code					
1	SOH	NULL	Home	Ctrl+A	Alt+001
					
2	STX	Ctrl+B	End	Ctrl+B	Alt+002
					
3	ETX	Ctrl+C	Up Arrow	Ctrl+C	Alt+003
					
4	EOT	NULL	Down Arrow	Ctrl+D	Alt+004
					
5	ENQ	NULL	Left Arrow	Ctrl+E	Alt+005
					

6	ACK	NULL	Right Arrow	Ctrl+F	Alt+006
					
7	BEL	NULL	Shift+Tab	Ctrl+G	Alt+007
					
8	BS	Back Space	Back Space	Back Space	Alt+008
					
9	HT	Tab	Tab	Tab	Alt+009
					
10	LF	Enter	Enter	Ctrl+P	Alt+010
					
11	VT	NULL	NULL	Ctrl+Q	Alt+011
					

12	FF	NULL	NULL	Ctrl+R	Alt+012
					
13	CR	Enter	Enter	Enter	Alt+013
					
14	S0	F1	Page Up	Ctrl+N	Alt+014
					
15	S1	F2	Page Down	Ctrl+O	Alt+015
					
16	DLE	F3	F11	Ctrl+P	Alt+016
					
17	DC1	F4	NULL	Ctrl+Q	Alt+017
					

18	DC2	F5	NULL	Ctrl+R	Alt+018
					
19	DC3	F6	NULL	Ctrl+S	Alt+019
					
20	DC4	F7	NULL	Ctrl+T	Alt+020
					
21	NAK	F8	F12	Ctrl+U	Alt+021
					
22	SYN	F9	F1	Ctrl+V	Alt+022
					
23	TB	F10	F2	Ctrl+W	Alt+023
					



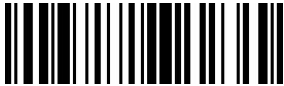
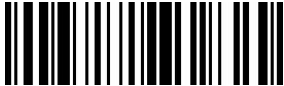






24	CAN	F11	F3	Ctrl+X	Alt+024
					
25	EM	F12	F4	Ctrl+Y	Alt+025
					
26	SUB	NULL	F5	Ctrl+Z	Alt+026
					
27	Esc	Esc	F6	Ctrl+[Alt+027
					
28	FS	ALT+028	F7	Ctrl+\	Alt+028
					
29	GS	ALT+029	F8	Ctrl+]	Alt+029
					











30	RS	NULL	F9	Ctrl+^	Alt+030
31	US	NULL	F10	Ctrl+_	Alt+031




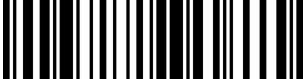
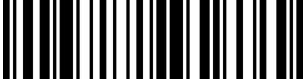





Appendix B Printable Characters (Entries above 32)











DEC	ASCII	Setting Code
32	Space	
33	!	
34	"	
35	#	
36	\$	





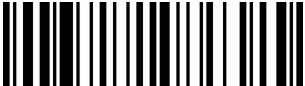



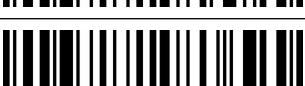

37	%	
38	&	
39	'	
40	(
41)	
42	*	
43	+	
44	,	
45	-	
46	.	











47	/	
48	0	
49	1	
50	2	
51	3	
52	4	
53	5	
54	6	
55	7	
56	8	




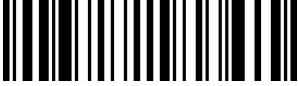
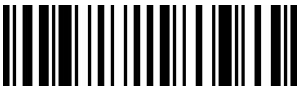


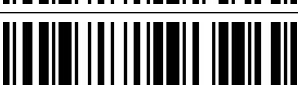
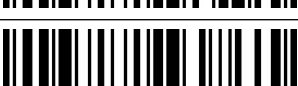
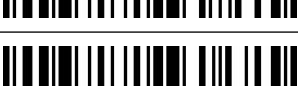
57	9	
58	:	
59	;	
60	<	
61	=	
62	>	
63	?	
64	@	
65	A	
66	B	











67	C	
68	D	
69	E	
70	F	
71	G	
72	H	
73	I	
74	J	
75	K	
76	L	

77	M	
78	N	
79	O	
80	P	
81	Q	
82	R	
83	S	
84	T	
85	U	
86	V	

87	W	
88	X	
89	Y	
90	Z	
91	[
92	\	
93]	
94	^	
95	_	
96	`	

97	a	
98	b	
99	c	
100	d	
101	e	
102	f	
103	g	
104	h	
105	i	
106	j	

107	k	
108	l	
109	m	
110	n	
111	o	
112	p	
113	q	
114	r	
115	s	
116	t	

117	u	
118	v	
119	w	
120	x	
121	y	
122	z	
123	{	
124		
125	}	
126	~	

127	DEL	
128	Ç	
129	ç	

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