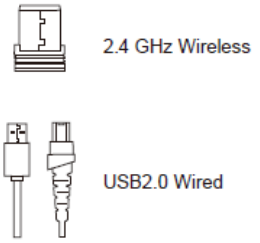
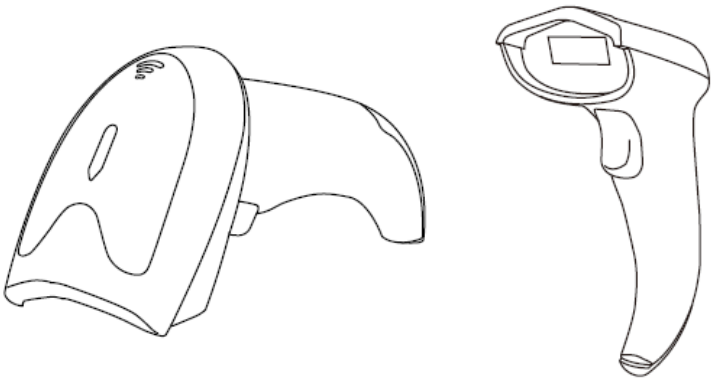
NT-W6

V18.9.1





Connection Mode

Working via USB cable
Get Started: Connect scanner with your device via USB cable. If you use US keyboard, it's a plug and play model. If you use other type of keyboard , please refer to below "keyboard language type" to set the keyboard language before use it. If you use it on MAC system you have to plug a 2.4G receiver working under wireless mode.

Working via 2.4G receiver
Get Started: Plug the 2.4G receiver on your device, then you can start to use it. (US keyboard by default) If you use other type of keyboard , please refer to below "keyboard language type" to set the keyboard language before use it.

Low voltage Alarm: Scanner will make 5x beeps to remind you that it's under low voltage. Plug the USB cable to charge power for it.

If you want to do other configurations please refer to below programming barcodes.

Firmware Version:

Read below command barcode to check scanner firmware version.

$SW#VER

Firmware Version

Below programming barcodes are applied for version not lower than 2.4GWISX_20180412

Barcode Programming

Netum barcode 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 bar codes in this guide. An asterisk (*) next to an option indicates the default setting.

Keyboard Language

In order to let scanner upload the codes in a correct way, you have to set the keyboard language before you use it.

For example

If you use French Keyboard, first scan below barcode of " Set Keyboard Language" then scan barcode of "French Keyboard", after that scanner will upload barcodes according to French keyboard layout.

American Keyboard is set by default, if you use a US keyboard you can just skip this part.

Set Keyboard Language

American Keyboard *

Portugal Keyboard

French Keyboard

Spanish Keyboard

Germany Keyboard

Turkey Q Keyboard

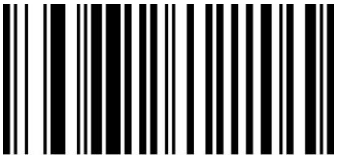
Italy Keyboard

UK Keyboard

Scanning Mode

Trigger Mode

Scanning this bar code will enable scanner to enter manual trigger mode.

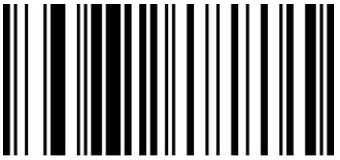


013300

Trigger Mode*

Continuous Scanning Mode

This mode enables scanner to decode and transmit over and over again.



013304

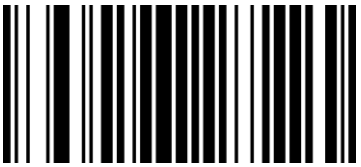
Continuous Scanning

Auto Sense Mode

Scanning this bar code will enable the scanner to enter auto sense mode.

02311

Auto Sense On



02310

Auto Sense Off

Barcode Upload Mode

Below configurations are only applied for 2.4GHz wireless mode.
If you are heading for a working area which lies outside the signal range, you may activate the offline mode of the scanner, following the steps described below. Under this enhanced offline mode, all scanned data will be stored directly into the buffer memory of the device. Furthermore, the data entries will be permanently saved in the buffer memory prior to the manual upload into the working station, so that you may upload them time and again to your liking.

1). By scanning the following barcode, the offline mode will be activated

Offline Mode

2). By scanning the following barcode, all data in the buffer memory will be deleted

Clear all Memory

3).By scanning the following barcode, all data entries in the buffer memory can be manually uploaded after reconnecting to the working station.

Upload the Data

4). By scanning the following barcode, the gross quantity of the uploaded data entries will be summarised .

Summarising of uploaded data entry quantity

5). By scanning the following barcode, the device leaves the offline mode, normal mode will be reinitialised.

Quit offline mode *

Terminator

The scanner provides a shortcut for setting the terminating character suffix to CR or CRLF and enabling it by scanning the appropriate barcode below.

0212@

TAB

0212@\r

CR*

0212@\n

LF*

0213@\r\n

CR+LF

0210@

NONE

Beep for Non-programming Code

Disable Scanner from beeping to indicate successful scan

Enable to beep to indicate successful scan*

Sleep Mode

Enable sleep mode*

Disable sleep mode

Idle Time

Scanner will stay awake during the idle time that you configure for it and turn to sleep if you haven't used it during the whole idle time.

30S

5Mins

10Mins

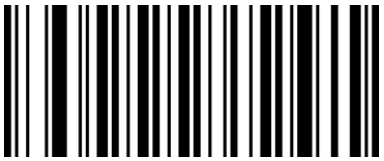
30Mins

Factory Restore (5 Steps Included)

Configures the scanner to revert all settings to factory defaults.

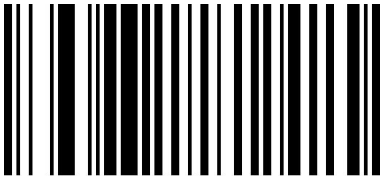
Important Note: For some programming barcodes there will no beep sound when you scan it.But as long as the beam light turned off a few seconds after you trigger the button that means scanner has already read the barcodes.

Step 1- Factory Restore



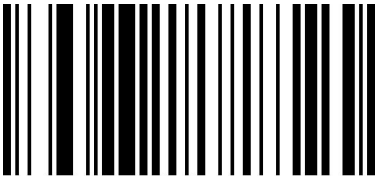
000B0

Step 2 - Serial Port



RS232 Serial Port

Step 3 -Baud Rate



19200 bps

Step 4 -Enter Key

Enter

Step 5 -Setting Channel

1) Scan channel 1, the scanner will have di di di di… sound.
2) Take out the receiver and plug it again, then the di di sound will be stopped Then you can start to scan the barcodes

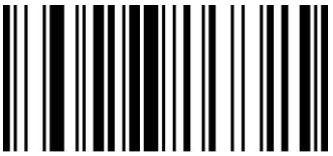
Channel

Common barcode Function

Enable/Disable EAN-8

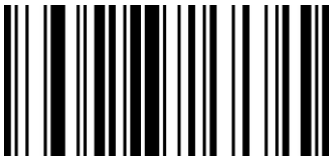
To enable or disable EAN-8, scan the appropriate bar code below.

00371
Enable EAN-8*



00370
Disable EAN-8

00571
EAN-8 Transit Check Digit*



00570
EAN-8 Do Not Transit Check Digit

Enable/Disable EAN-13

To enable or disable EAN-13, scan the appropriate bar code below.

00361
Enable EAN-13*

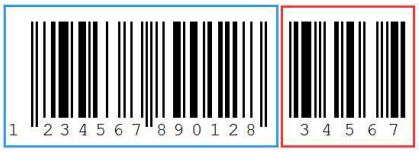
00360
Disable EAN-13

00461
EAN-13 Transit Check Digit *

00460
EAN-13 Do Not Transit Check Digit

Add-On Code

And EAN-8/EAN-13 Barcode can be augmented with a two-digit or five-digit add-on code form a new one. In the example below, the part surrounded by blue line is an EAN-8 barcode while the part circled by red line is add-on code. " Disable Add-on Code" is configured by default.



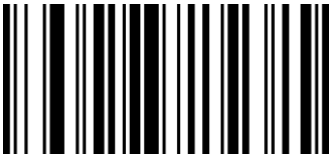
EAN /UPC Add-On 2 or 5

To enable or disable EAN/UPC add on 2 or 5 digts scan the appropriate barcode below.

00551
Enable add-on 2 digits

00552
Enable add-on 5 digits

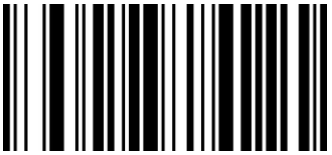
00553
Enable add -on 2 or 5 digits



00550
Disable add-on 2 or 5 digits*

Enable/Disable Convert EAN-13 to ISBN

To enable or disable convert EAN-13 to ISBN, scan the appropriate barcode below.



00481
Enable EAN-13 Transfer to ISBN

00480
Disable EAN-13 Transfer to ISBN*

Enable/Disable Convert EAN-13 to ISSN

To enable or disable convert EAN-13 to ISSN, scan the appropriate barcode below.

01501
Enable EAN-13 Transfer to ISSN

01500
Disable EAN-13 Transfer to ISSN*

Enable/Disable Codabar
To enable or disable codabar, scan the appropriate barcode below.

00851
Enable Codabar*

00850
Disable Codabar

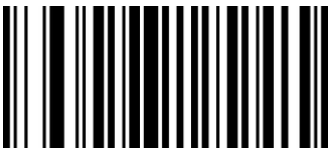
Enable/Disable Code 11
To enable or disable Code 11, scan the appropriate bar code below.

01261
Enable Code 11*

01260
Disable Code 11

Enable/Disable Code 39
To enable or disable Code 39, scan the appropriate bar code below.

00221
Enable Code 39*



00220

Disable Code 39

Enable/Disable Code 39 Full ASCII

Code 39 Full ASCII is a variant of Code 39 which pairs characters to encode the full ASCII character set.

00231

Enable Full ASCII*

00230

Disable Full ASCII

Enable/Disable Code 93

To enable or disable Code 93, scan the appropriate bar code below.

00621

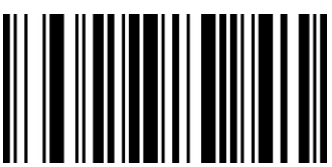
Enable Code 93*

00620

Disable Code 93

Enable/Disable Code 128

To enable or disable Code 93, scan the appropriate bar code below.



00691

Enable Code 128*

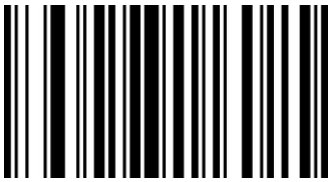
00690
Disable Code 128

Enable/Disable Code 32
To enable or disable Code 93, scan the appropriate bar code below.

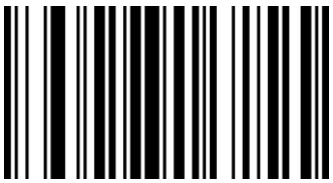
01950
Disable Code 32*

01951
Enable Code 32

Enable/Disable GS1 DataBar Limited (RSS Limited)
To enable or disable GS1 DataBar Limited, scan the appropriate bar code below.



01771
Enable RSS Limited



01770
Disable RSS Limited

GS1 DataBar Ominidirectional (RSS Ominidirectional)
To enable or disable GS1 DataBar Ominidirectional, scan the appropriate bar code below.

01761
Enable RSS Ominidirectional

01760
Disable RSS Ominidirectional

Enable/Disable UPC-A
To enable or disable UPC-A, scan the appropriate bar code below.

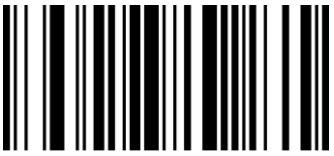
00341
Enable UPC-A*

00340
Disable UPC-A

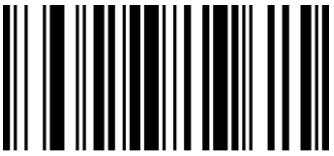
00241
Enable Transit Check Digit *

00240
Disable Transit Check Digit

Enable/Disable Convert UPC-A to EAN-13
To enable or disable Convert UPC-A to EAN-13, scan the appropriate bar code below.



00391
Enabled UPC-A to EAN-13



00390
Disable UPC-A to EAN-13

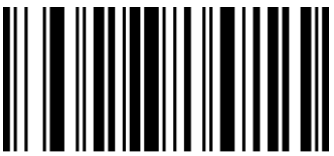
Enable/Disable UPC-E
To enable or disable UPC-E, scan the appropriate bar code below.

00351
Enable UPC-E

00350
Disable UPC-E

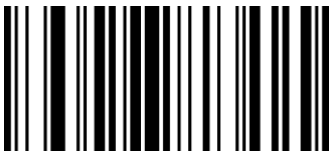
Enable/Disable Convert UPC-E to UPC-A
To enable or disable Convert UPC-E to UPC-A, scan the appropriate bar code below.

00381
Enable Convert UPC-E to UPC-A

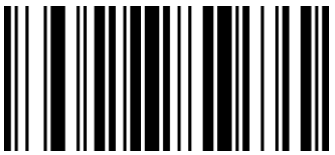


00380
Disable Convert UPC-E to UPC-A

Enable/Disable Interleaved 2 of 5
To enable or disable Interleaved 2 of 5, scan the appropriate bar code below.

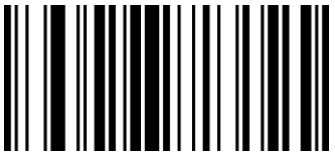


00961
Enabled Interleaved 2 of 5



00960
Disabled Interleaved 2 of 5

Enable/Disable Industrial 2 of 5
To enable or disable Industrial 2 of 5, scan the appropriate bar code below.

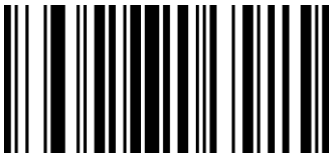


01061
Enable Industrial 2 of 5

01060
Disable Industrial 2 of 5

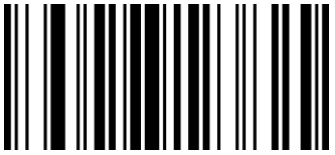
Enable/Disable Standard 2 of 5
To enable or disable Standard 2 of 5, scan the appropriate bar code below.

01871
Enable Standard 2 of 5



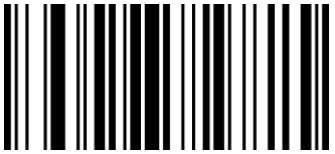
01870
Disable Standard 2 of 5

Enable/Disable Matrix 2 of 5
To enable or disable Matrix 2 of 5, scan the appropriate bar code below.

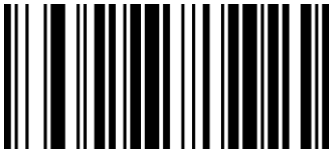


01461
Enable Matrix 2 of 5

Enable/Diable MSI
To enable or disable MSI, scan the appropriate bar code below.

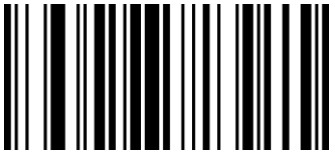


01151
Enable MSI

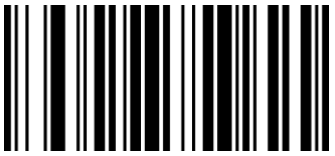


01150
Disable MSI

Enable /Disable Plessey
To enable or disable Plessey, scan the appropriate bar code below.

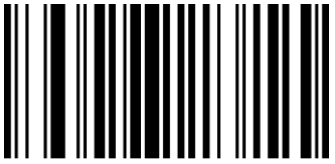


01161
Enable Plessey

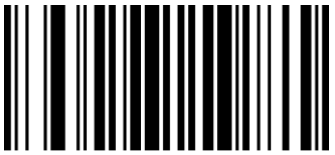


01160
Disable Plessey

Read 1D Normal Barcode/ Reversal Barcode



00161
Read 1D Normal Barcode



00160
Read 1D Reversal Barcode

Custom Prefix and Suffix

Custom Prefix

Custom Suffix 1

Custom Suffix 2

Please note previous prefix or suffix will be cleared once you start to add new prefix or suffix.

Scan Data Transmission Format

To change the Scan Data Transmission Format, scan one of the eight bar codes corresponding to the desired format.

*Data As Is

<DATA><SUFFIX 1>

<DATA><SUFFIX2>

<DATA> <SUFFIX 1><SUFFIX 2>

<PREFIX> <DATA >

<PREFIX> <DATA> <SUFFIX 1>

$DATA#6

<PREFIX> <DATA> <SUFFIX 2>

$DATA#7

<PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>

Appendix 1

Numeric Bar Codes For parameters requiring specific numeric values, scan appropriately numbered bar code(s).

$NO#0

$NO#1

$NO#2

$NO#3

$NO#4

$NO#5

$NO#6

$NO#7

$NO#8

$NO#9

For Example Custom

@ as prefix

Step 1: scan “custom prefix”

Custom Prefix

Step 2: To set these values, scan a four-digit number (i.e. four bar codes) that corresponds to ASCII values. See Numeric Bar Codes in appendix 1. Scan 1043(@) one by one.

Step 4: Set Data Transmission Format

<PREFIX> <DATA >

Custom Suffix
Step 1: scan “custom suffix”

Scan Suffix 1

Step 2 and Step 3 same procedures like custom prefix Step 4: Set Data Transmission Format

$DATA#1

<DATA><SUFFIX 1>

Enable Keystroke*/ Functional Key Set

$KEY#M0

Enable Keystroke*

$KEY#M1

Enable functional Key Set

For example if you scan value 1004, Keystroke will be “Up Down”.

But if you scan Enable Functional Key Set after you scan the value ” 1004”, you will get functional key set Ctrl +D. For more details please refer to Appendix 1.

Scan Value	Hex Value	Keystroke	Functional Key Set
1007	07	Enter	Ctrl+G
1008	08	Left Arrow	Ctrl+H
1003	03	Right Arrow	Ctrl+C
1004	04	Up Down	Ctrl+D

Appendix 1

Scan Value	Hex Vaule	Keystroke	Functional key set
1007	07	Enter	Ctrl+G
1008	08	Left Arrow	Ctrl+H
1003	03	Right Arrow	Ctrl+C
1004	04	Up Down	Ctrl+D
1010	0A	Down Arrow	Ctrl+J
1009	09	Horizontal Tab	Ctrl+I
1011	0B	Veritical Tab	Ctrl+K

1012	0C	Backspace	Ctrl+L
1014	0E	Insert	Ctrl+N
1015	0F	ESC	Ctrl+O
1017	11	Home	Ctrl+Q
1018	12	Print Screen	Ctrl+R
1019	13	Delete	Ctrl+S
1022	16	F1	Ctrl+V
1023	17	F2	Ctrl+W

1024	18	F3	Ctrl+X
1025	19	F4	Ctrl+Y
1026	1A	F5	Ctrl+Z
1027	1B	F6	Ctrl+[
1028	1C	F7	Ctrl+\
1029	1D	F8	Ctrl+]
1030	1E	F9	Ctrl+6
1031	1F	F10	Ctrl++-

1016	10	F11	Ctrl+P
1021	15	F12	Ctrl+U

Appendix 2

Scan Value	Hex Value	Full ASCLL Code 39 Encode Char	Keystroke
1000	00h	%U	CTRL 2
1001	01h	$A	CTRL A
1002	02h	$B	CTRL B
1003	03h	$C	CTRL C
1004	04h	$D	CTRL D
1005	05h	$E	CTRL E
1006	06h	$F	CTRL F
1007	07h	$G	CTRL G
1008	08h	$H	CTRL H
1009	09h	$I	CTRL I
1010	0Ah	$J	CTRL J
1011	0Bh	$K	CTRL K
1012	0Ch	$L	CTRL L
1013	0Dh	$M	CTRL M
1014	0Eh	$N	CTRL N
1015	0Fh	$O	CTRL O
1016	10h	$P	CTRL P
1017	11h	$Q	CTRL Q
1018	12h	$R	CTRL R
1019	13h	$S	CTRL S
1020	14h	$T	CTRL T
1021	15h	$U	CTRL U
1022	16h	$V	CTRL V
1023	17h	$W	CTRL W
1024	18h	$X	CTRL X

Scan Value	Hex Value	Full ASCLL Code 39 Encode Char	Keystroke
1025	19h	$Y	CTRL Y
1026	1Ah	$Z	CTRL Z
1027	1Bh	%A	CTRL [
1028	1Ch	%B	CTRL \
1029	1Dh	%C	CTRL]
1030	1Eh	%D	CTRL 6
1031	1Fh	%E	CTRL -
1032	20h	Space	Space
1033	21h	/A	!
1034	22h	/B	‘
1035	23h	/C	#
1036	24h	/D	$
1037	25h	/E	%
1038	26h	/F	&
1039	27h	/G	‘
1040	28h	/H	(
1041	29h	/I	)
1042	2Ah	/J	*
1043	2Bh	/K	+
1044	2Ch	/L	,
1045	2Dh	-	-
1046	2Eh	.	.
1047	2Fh	/	/
1048	30h	0	0
1049	31h	1	1
1050	32h	2	2
1051	33h	3	3
1052	34h	4	4
1053	35h	5	5
1054	36h	6	6
1055	37h	7	7

Scan Value	Hex Value	Full ASCLL Code 39 Encode Char	Keystroke
1056	38h	8	8
1057	39h	9	9
1058	3Ah	/Z	:
1059	3Bh	%F	;
1060	3Ch	%G	<
1061	3Dh	%H	-
1062	3Eh	%I	>
1063	3Fh	%J	?
1064	40h	%V	@
1065	41h	A	A
1066	42h	B	B
1067	43h	C	C
1068	44h	D	D
1069	45h	E	E
1070	46h	F	F
1071	47h	G	G
1072	48h	H	H
1073	49h	I	I
1074	4Ah	J	J
1075	4Bh	K	K
1076	4Ch	L	L
1077	4Dh	M	M
1078	4Eh	N	N
1079	4Fh	O	O
1080	50h	P	P
1081	51h	Q	Q
1082	52h	R	R
1083	53h	S	S
1084	54h	T	T
1085	55h	U	U
1086	56h	V	V

Scan Value	Hex Value	Full ASCLL Code 39 Encode Char	Keystroke
1087	57h	W	W
1088	58h	X	X
1089	59h	Y	Y
1090	5Ah	Z	Z
1091	5Bh	%K	[
1092	5Ch	%I	\
1093	5Dh	%M	]
1094	5Eh	%N	^
1095	5Fh	%O	_
1096	60h	%W	‘
1097	61h	+A	a
1098	62h	+B	b
1099	63h	+C	c
1100	64h	+D	d
1101	65h	+E	e
1102	66h	+F	f
1103	67h	+G	g
1104	68h	+H	h
1105	69h	+I	i
1106	6Ah	+J	j
1107	6Bh	+K	k
1108	6Ch	+L	l
1109	6Dh	+M	m
1110	6Eh	+N	n
1111	6Fh	+O	o
1112	70h	+P	p
1113	71h	+Q	q
1114	72h	+R	r
1115	73h	+S	s
1116	74h	+T	t
1117	75h	+U	u

Scan Value	Hex Value	Full ASCLL Code 39 Encode Char	Keystroke
1118	76h	+V	v
1119	77h	+W	w
1120	78h	+X	x
1121	79h	+Y	y
1122	7Ah	+Z	z
1123	7Bh	%P	{
1124	7Ch	%Q	|
1125	7Dh	%R	}
1126	7Eh	%S	~
1127	7Fh		Undefined

Support

For any inquiries concerning our products, please send an email to service@gzxlscan.com, and we will respond to you as soon as possible.

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