NETUM C990 Mini 2D Barcode Scanner User Manual

Contents

NETUM C990 Mini 2D Barcode Scanner

Firmware Version:

Read below command barcode below to check the scanner firmware version.

$SW#VER

Below programming barcodes are applied for versions not lower than B009NT_RFBTWCDE9220_W

Factory Restore:

Important note: it only restores configurations done from this setup manual.

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.

Many of the command barcodes only work with a scanner in a particular Bluetooth or 2.4G mode as indicated by the header row of each table

Connection Way

Working via USB Cable

Get Started: Connect the scanner to your device via a USB cable. If you use a US keyboard, it’s plug-and-play. If you use another type of keyboard, please refer to “keyboard language” to configure the keyboard language before you use it.

Working via a 2.4G receiver

Get Started: Plug the USB receiver on your computer. If you use a US keyboard, it's plug-and-play. If you use another type of keyboard, please refer to "keyboard language" to configure the keyboard language before use it.

*RF 2.4G Transmit

Working via Bluetooth

Get Started: Please refer to the "Bluetooth pairing". Once you've paired the Bluetooth, locate the cursor on the place where you want to upload the codes then you can start to work Keyboard by default if you use other types of keyboard please configure the keyboard language before you use it.

Working via Bluetooth

Command barcodes apply for all working modes.

Keyboard Language

For example, If you use a French Keyboard, scan the command barcode of "French keyboard ". If you use a US keyboard you can ignore this step.

America EN keyboard

French keyboard

Germany keyboard

Italy keyboard

Portugal keyboard

Spain keyboard

Turkey Q keyboard

Turkey F keyboard

UK keyboard

Czech keyboard

Hungary keyboard

Belgium FR keyboard

Brazil PT keyboard

Canadian FR keyboard

Croatia keyboard

Slovak keyboard

Denmark keyboard

Finland keyboard

Latin-America ES keyboard

Netherland keyboard

Norway keyboard

Poland keyboard

Serbia keyboard

Slovenia keyboard

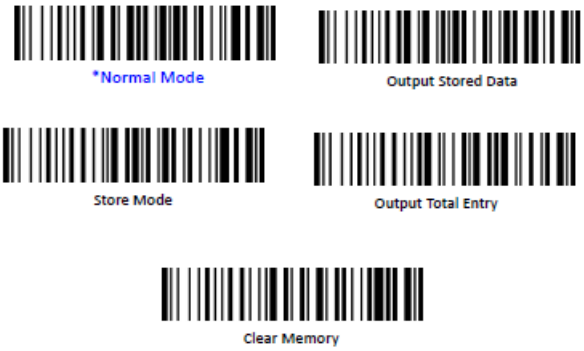
Sweden keyboard

Swiss DE keyboard

Working Mode

If you are heading for a working area which lies outside the Bluetooth signal range, you may activate scanner's

store mode, following steps described below. Under this 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 when you are near your working device.



Get Battery Volume

Scan below command barcode to get battery rough volume

Idle time

Scanner will turn to sleep after idle/inactive for 1min Scan “Disable module Idle time” before you doing any other setup from this section.

Convert Case

Bluetooth Connection Mode

Basic Mode (HID) (default)

- Configures the scanner to Human Interface Device (HID) mode. The scanner will be discoverable as a Keyboard to other Bluetooth devices.
- BLE for for Apple Devices (a software was required to work under this mode)
- SPP Mode for for Windows or Android (a software was required to work under this mode)

Important Note:

- If you want to shift from HID to SPP or BLE just scan the Corresponding command barcode.
- If you want to shift from SPP or BLE to HID mode, please ignore (or delete) “Netum Bluetooth”→ turn off bluetooth→ scan command barcode of HID→ Open the bluetooth → repair it.

Bluetooth keyboard Upload Speed

- **Wired Connection Mode**
  USB Keyboard and Virtual COM Set

Note: Wire and Wireless connect way selected automatically, the Wire way has high priority.

Hide Prefix or suffix digits

The start/middle/end of barcode chars can be hidden. After scan below hide set barcode, scan a double-digit hexadecimal number that you want to hide char length(00~FF e.g. hide length 4, scan 0, 4).

Hide Barcode Start Chars

Hide Barcode Middle Char Start

Hide Barcode Middle Chars

Hide Barcode End Chars

Output Format

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

Enable Hide Barcode Start Char

Enable Hide Barcode End Char

Enable Hide Barcode Middle Char

Enable Hide Barcode End Char

To Hide chars of barcode Start/Middle/End:

Procedures

1. Scan the Hide Barcode Start / Middle Start / Middle length / End Chars symbol.
2. Determine the hex value for the length you wish to enter(hide 4 chars, scan 0,4; hide 12 chars, scan 0,C).
3. Scan the 2 digit hex value from the Numeric Bar Codes
4. Scan the output format to enable or cancel hide char function.

Custom prefix and suffix

Maximum 20 prefixes and 20 suffixes can be added to scan data for use in data editing. To set these values, scan a double-digit hexadecimal number (i.e. two bar codes) that corresponds to ASCII values. See the Table 1 and Numeric Bar Codes in appendix.

To Add a Prefix or Suffix:

1. Scan command barcode of ” Add Prefix” or” Add Suffix “.
2. Check the prefix or suffix hex value from the ASCII Chart.
3. Scan the 2 digit hex value from the Numeric Bar Codes
4. Repeat Steps 2 and 3 for all the prefix or suffix that you want to add.
5. Scan the output format to enable or disable prefix/suffix output.

Add Prefix

Clear All Suffix

Add Suffix

Clear All Prefix

Output Format

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

*Default output format

Enable Suffix output

Enable Prefix output

Example on how to add normal prefix or suffix on barcode “123456789”

Add ” A” and “B” as prefixes and “!” as suffix

1. Scan command barcode of ” Add Prefix”
2. Check the prefix hex value from the ASCII Chart. A- “4”,”1″; B-“4” “2”;
3. Scan the 2 digit hex value from the Numeric Bar Codes
4. Scan the output format to enable prefix output.
5. Scan command barcode of ” Add Suffix” to add “!” as suffix.

6. Check the suffix hex value from the ASCII Chart. !- “2” “1”
7. Scan the 2 digit hex value from the Numeric Bar Codes.
8. Scan the output format to enable suffix output.

9. Scan the barcode then you will get AB123456789!

   Example on how to add Combination Key suffix for barcode “123456789”

Add “Ctrl+P” on “123456789” as suffix

1. Scan command barcode of ” Add Suffix” to add “Ctrl+P” as suffix.
2. Check the suffix hex value from the ASCII Chart. Ctrl+P – “9” “7” “5” “0”
3. Scan the 4 digits hex value from the Numeric Bar Codes.
4. Scan the output format to enable suffix output.

5. Scan the barcode 123456789. (test it on Excel)

Table 1. ASCII Character Equivalents

HEX	ASCII	HEX	ASCII	HEX	ASCII	HEX	ASCII
20H	Space	30H	0	40H	@	50H	P
21H	!	31H	1	41H	A	51H	Q
22H	“	32H	2	42H	B	52H	R
23H	#	33H	3	43H	C	53H	S
24H	$	34H	4	44H	D	54H	T
25H	%	35H	5	45H	E	55H	*U*
26H	&	36H	6	46H	F	56H	V
27H	‘	37H	7	47H	G	57H	W
28H	(	38H	8	48H	H	58H	X
29H	)	39H	9	49H	I	59H	Y
2AH	*	3AH	:	4AH	J	5AH	Z
2BH	+	3BH	;	4BH	K	5BH	[
2CH	,	3CH	<	4CH	L	5CH	\
2DH	–	3DH	=	4DH	M	5DH	]
2EH	.	3EH	>	4EH	N	5EH	^
2FH	/	3FH	?	4FH	O	5FH	_
60H	`	70H	p	80H	F1	90H	End
61H	a	71H	q	81H	F2	91H	Page Down
62H	b	72H	r	82H	F3	92H	Right Arrow
63H	c	73H	s	83H	F4	93H	Left Arrow
64H	d	74H	t	84H	F5	94H	Down Arrow
65H	e	75H	u	85H	F6	95H	Up Arrow

66H	f	76H	v	86H	F7	96H	Print Screen
67H	g	77H	w	87H	F8	97H	*Ctrl
68H	h	78H	x	88H	F9	98H	*Shirt
69H	i	79H	y	89H	F10	99H	*Left Alt
6AH	J	7AH	z	8AH	F11	9AH	*Right Alt
6BH	k	7BH	{	8BH	F12	08H	BS
6CH	l	7CH		8CH	Insert	09H	HT
6DH	m	7DH	}	8DH	Home	0AH	LF
6EH	n	7EH	~	8EH	Page Up	0DH	CR
6FH	o	7FH	DEL	8FH	Delete	1BH	ESC

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FREQUENTLY ASKED QUESTIONS

What is the NETUM C990 Mini 2D Barcode Scanner?

The NETUM C990 is a mini 2D barcode scanner designed for efficient and accurate scanning of various 1D and 2D barcodes. It is compact and suitable for applications such as retail, inventory management, and point-of-sale systems.

How does the NETUM C990 Mini 2D Barcode Scanner operate?

The NETUM C990 uses technology like USB or Bluetooth to connect with compatible devices such as computers, smartphones, or tablets. It employs imaging technology to capture both 1D and 2D barcode data and transmits it to the connected device for further processing.

Is the NETUM C990 compatible with different types of barcodes?

Yes, the NETUM C990 is designed to scan various 1D and 2D barcode types, providing versatility for different scanning needs. It supports popular symbologies such as UPC, EAN, QR codes, and more.

What is the scanning range of the NETUM C990 Mini 2D Barcode Scanner?

The scanning range of the NETUM C990 may vary, and users should refer to the product specifications for

information on the maximum and minimum scanning distances. This detail is crucial for selecting the right scanner for specific use cases.

Can the NETUM C990 scan barcodes on mobile devices or screens?

Yes, the NETUM C990 is often equipped to scan barcodes displayed on mobile devices or screens. This feature enhances its versatility and makes it suitable for applications where scanning digital barcodes is required.

Is the NETUM C990 compatible with specific operating systems?

The NETUM C990 is typically compatible with common operating systems such as Windows, macOS, iOS, and Android. Users should check the product documentation or specifications to confirm compatibility with their specific operating system.

What is the battery life of the NETUM C990 Mini 2D Barcode Scanner?

The battery life of the NETUM C990 depends on usage patterns and settings. Users can refer to the product specifications for information on battery capacity and estimated battery life, ensuring the scanner meets their operational needs.

Does the NETUM C990 support batch scanning?

Batch scanning capabilities may vary, and users should refer to the product specifications to determine if the NETUM C990 supports batch scanning. Batch scanning allows users to store multiple scans before transmitting them to the connected device.

Is the NETUM C990 suitable for rugged environments?

The suitability for rugged environments may depend on the specific model and design. Users should check the product specifications for information on the ruggedness of the NETUM C990 and its ability to withstand challenging conditions.

Is the NETUM C990 compatible with barcode data management software?

Yes, the NETUM C990 is typically compatible with barcode data management software. Users can integrate the scanner with software solutions to manage and organize scanned data efficiently.

What is the warranty coverage for the NETUM C990 Mini 2D Barcode Scanner?

The warranty for the NETUM C990 typically ranges from 1 year to 2 years.

Is technical support available for the NETUM C990 Barcode Scanner?

Many manufacturers offer technical support and customer assistance for the NETUM C990 to address setup,

usage, and troubleshooting questions. Users can reach out to the manufacturer's support channels for assistance.

Can the NETUM C990 be used hands-free or mounted on a stand?

Some models of the NETUM C990 may support hands-free operation or be mountable on a stand. Users should check the product specifications to confirm the available mounting options and features.

What is the scanning speed of the NETUM C990 Mini 2D Barcode Scanner?

The scanning speed of the NETUM C990 may vary, and users can refer to the product specifications for information on the scanner's scanning rate. This information is important for assessing the scanner's efficiency in high-volume scanning environments.

Can the NETUM C990 be used for inventory management?

Yes, the NETUM C990 is well-suited for inventory management applications. Its compact design and versatile 2D barcode scanning capabilities make it a convenient tool for tracking and managing inventory in various settings.

Is the NETUM C990 easy to set up and use?

Yes, the NETUM C990 is typically designed for ease of setup and use. It often comes with user-friendly features and intuitive controls, and users can refer to the user manual for step-by-step guidance on setting up and using the scanner.

VIDEO – PRODUCT OVERVIEW

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DOWNLOAD THE PDF LINK: https://manuals.plus/wp-content/uploads/2023/12/NETUM-C990-Mini-2D-Barcode-Scanner-User-Manual-Barcode-Scanner-User-Manual.mp4

References

- User Manual