



User Manual

DT3260



Barcodescanner – DT3260

 : 0645733500

 : info@diwolar.nl

 : <https://www.dtronic.nl/>

Datum : 2-2-2024

Versie : 1.0

Introduction

Thank you for trusting a product from DTRONIC. Please read the contents of the user manual carefully in order to use the products safely and effectively.

You are advised to keep this manual correctly for your installation and as a reference. Please do not disassemble the product or tear off the seal, otherwise we will not provide warranty or replacement service.

The illustrations in this user manual are for reference only. If there are images that do not match the actual product, please take the actual product as standard.

Updated information is subject to change without notice. All information in this manual is copyrighted and our company reserves all rights. It is prohibited to distribute, copy, compile or sell all or part of this manual without our written permission.

DTRONIC is a BOIP registered trademark and legally protected in cooperation with GS1. Diwolar is the only company with the rights to market this trademark. If you have purchased a product that was not purchased through Diwolar, the warranty is void. When contacting customer service always ask for the order number. This user manual applies to DTRONIC barcode scanners that identify barcodes using a laser scan pattern.

DTRONIC is not liable for damages and defects suffered when the barcode scanner fails, does not work properly or is misused.

Do you have any questions about your product? We will be happy to assist you.

 Mail:	info@diwolar.nl	Bereikbaar van 09:00-17:00u
 WhatsApp:	+316 45 733 500	Bereikbaar van 09:00-17:00u
 Website:	www.dtronic.nl	Webshop 24/7 geopend

Kind regards, team Dtronic

- Diederik	Director
- Arjan	Operations manager
- Marjolein	Financial employee
- Jaxx	Administrative employee
- Tim	Customer service
- Hessel	Customer service
- Roger	Test center
- Kees-Jan	Logistics

Inhoud

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1. Product

1.1 Function

- Works with Plug&Play and without installation software.
- Works with most WMS systems.
- Some WMS or POS systems must be set up to use a scanner.
- Device the scanner is connected to will see it as keyboard.
- Basically the scanner scans the 95% of bar codes, remaining 5% can be set as desired with this manual.
- There are patented parts in the scanner, DTRONIC has the rights to sell these items on the Dutch, Belgian and German market

1.2 Unbox

After opening the box containing the product, perform the following steps:

- Remove the scanner accessories from the packaging.
- Remove the scanner from the packaging.
- At the packing list, check that everything is complete and in good condition. If there are damaged or missing parts, save the original packaging and contact DTRONIC for customer service.

Packing list:

1. Handheld scanner
2. USB Connection Cable (for wireless scanners, this is the charging cable).
3. Paperclip
4. Abridged user manual

1.3 Start

Startup: connect the computer to the scanner. The computer will recognize it as a keyboard and the scanner can be used.

Power off: remove the cable connected to the scanner; remove the USB connected to the computer.

Restart: if the scanner crashes or is unresponsive, turn it off and restart it. Optionally, use the factory setting from this manual

1.4 Window

The scanning window must be kept clean, the supplier does not bear the warranty responsibility due to improper maintenance. Prevent the window from wearing out or being scratched by a hard object. Use a soft cloth to remove stain on the scanning window. Clean the scan window with a soft cloth, such as a lens cleaning cloth

Spraying liquid on the scan window is prohibited. Prohibit all cleaning solvents except cleaning water.






1.5 Reading

If the bar code is small, it should be closer to the scan window; if the bar code is large, it should be further away from the scan window for easier reading.

If the bar code is highly reflective (for example, the coated surface), you may need to tilt the bar code at an angle to scan the bar code. The best distance to read a bar code is 10-15 cm

1.6 Picture

1.7 Led indicator

	INDICATOR STATUS	EXPLAIN
	Red light on	Charging
	Red light off	No charging
	Green light on	No decoding
	Green light off	Decode succesfully
	One blue light on	Pairing successful or connect to USB



2. System Setup

2.1 System Setup

Option and function setting mainly by reading a series of special bar codes. In this chapter, we give you a detailed introduction to the options and functions available for user setup and the corresponding setup code.

This method of setting up the scan is direct, easy to understand and user-friendly.



2.1.1 Setup code

	
Startup settings (default)	Exit Settings

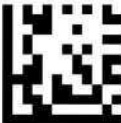
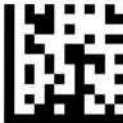



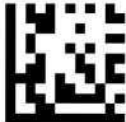
2.1.2 Restore factory default settings


Restore factory settings


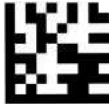
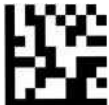
2.1.3 Product User Settings

	
Save user default settings	Restore user default settings

2.1.4 Led

	
Enable Aimer	Disable Aimer
	
Enable Illumination	Disable Illumination
	
Always off	Always on

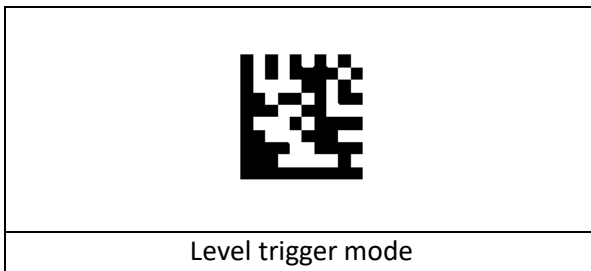
2.1.5 Level lighting

	
1	2
	
3	

2.2 Reading mode settings

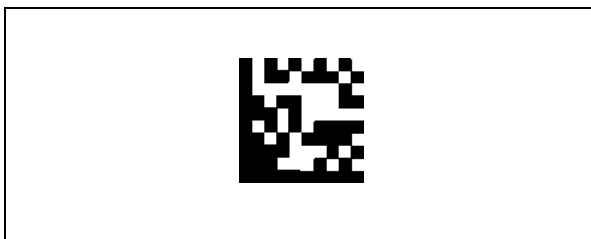
2.2.1 Level trigger mode

Enter the reading state when the trigger key pin is at low level. Press and hold the trigger key to start reading code. After reading the code successfully or releasing the trigger key, the code reading ends and the next decoding needs to re-enter the low level state.







2.2.2 Continuous mode (default)

When the reading setting code is switched to this mode, it enters the continuous reading state. In this mode, the "repeat read switch" can be used to prevent the same barcode from being read more than once.





2.2.3 Auto Scan mode




	
Auto scan	Delay 50ms
	
Delay 100ms	Delay 300ms

2.2.4 Repeat read switch

The repeat read setting is only available in continuous mode.




	
Allow repeat readings (default)	Repeat reading is not allowed

2.2.5 Code reading timeout

	
30sec	300sec
	
2400sec	

2.2.6 One read timeout



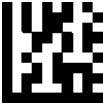



One time reading timeout time, the unit is 0.1 seconds. The default value is 30 (3 seconds), when set to 0, it means that the device is always in the reading state, and the time range can be set: 0~999.

	
Short time (3s)	In time (7s)
	
Long time (10s)	

Valid only in "Level Trigger Mode" and "Pulse Trigger Mode".




2.3 Communication settings



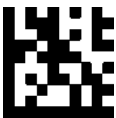

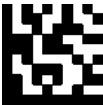


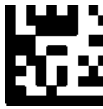


2.3.1 Communication settings

	
USB HID (default)	USB serial port
	
RS-232 serial port	Mac
	
USB CDC	Enable virtual keyboard
	
Disable virtual keyboard	




2.3.2 USB keyboard


Portuguese (Brazil) cannot output "?" and "/" .

	
Nederlands	Italian
	

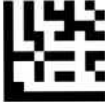
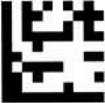



Spanish (Brazil)	Portuguese
	
Portuguese (Brazil)	French
	
German (Austria)	Turkish Q
	
Turkish F	English (UK)
	
Japanese	German (Switzerland)
	
French (Belgium)	America

2.3.3 Serial communication settings




	
Data bit 7	Data bit 8
	

	
Stop bit 1	Stop bit 2

2.3.4 Serial port baud rate setting

	
Baud rate 4800	Baud rate 9600 (default)
	
Baud rate 19200	Baud rate 38400
	
Baud rate 57600	Baud rate 115200







2.3.5 Serial port parity bit setting

	
No checksum (default)	Odd calibration
	
Even Check	

2.3.6 Terminator settings





The terminator suffix is used to mark the end of a complete piece of data information. The terminator suffix stands alone and does not participate in any other form of data formatting. The terminator suffix must be the last piece of data sent, and no additional data will be added thereafter.

The ending character can be set to carriage return, line feed, carriage return line feed, tab or ETX, and the default ending character is set to carriage return.

	
No terminator	Enter (default)
	
Line Feed (Down)	Carriage return + Line feed (Enter+Down)
	
Tab	ETX

2.3.7 Case output settings

Case conversion for characters in a string, prefix and suffix have no effect.



	
Normal output (default)	Convert Case
	
Convert all to Uppercase	Convert All to lowercase

2.4 Symbologies



Each type of barcode has its own unique properties, and the setup codes in this chapter allow you to adjust the scanner to accommodate these property changes.

The fewer barcode types that are turned on, the faster the scanner will Scan. You can turn off the barcode types that will not be used to improve the performance of the scanner.



2.4.1 1D all symbologies

	
Enable	Disable







2.4.2 2D all symbologies

	
Enable	Disable





2.4.3 All barcodes

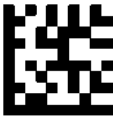

	
Close all barcodes	Turn on all barcodes

2.4.4 EAN8 Settings




	
EAN8 on (default)	EAN8 off
	
Enable EAN8 transmission Check Character (default)	Disable EAN8 transmit Check Character
	
Convert EAN8 to EAN13	Do not Convert EAN8 to EAN13 (default)

2.4.5 Code 11 Settings



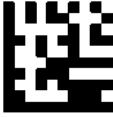



	
Enable	Disable
	
1 check bit	2 check bits

	
Transmit check bit	Not transmit check bit



2.4.6 Add-on code setting

	
Adaptive UPC/EAN add-on codes	Only Decode UPC/EAN Add-on codes
	
Ignore UPC/EAN add-on codes (default)	



2.4.7 EAN 13 settings

	
EAN13 on (default)	EAN13 off
	
Enable EAN13 transmission Check Character (default)	Disable EAN13 transmission checks
	
Transmit EAN13 System Character (default)	Do not Transmit EAN13 System Character







2.4.8 ISSN Settings

	
Convert EAN-13 to ISSN	Do not Convert EAN-13 to ISSN (default)




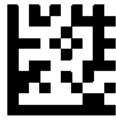




2.4.9 ISBN setting

	
Convert EAN13 to ISBN	Do not Convert EAN13 to ISBN (default)



2.4.10 UPC-A settings

	
Transmit UPC-A check character (default)	Do not Transmit UPC-A check character
	
Convert UPC-A to EAN13 (default)	Do not Convert UPC-A to EAN13
	
Enable	Disable



2.4.11 UPC-E settings

	
UPC-E on (default)	UPC-E Off
	
Transmit UPC-E Check Character (default)	Do no Transmit UPC-E transmission Check Character
	
Convert UPC-E to UPC-A	Do not Convert UPC-E to UPC-A (default)
	
Output header	Do not output header











2.4.12 UPCE

	
Enable	Disable


2.4.13 EAN/UPC



	
Enable	Disable

2.4.14 Code 39 Settings

	
Code 39 on (default)	Code 39 Off
	
Enable Code 39 Check Character	Disable Code 39 Check Character (default)
	
Transmit Code 39 Check Character	Do not Transmit Code 39 Check Character (default)
	
Transmit Code 39 start and stop characters	Do not Transmit Code 39 start and stop characters (default)
	
Full ASCII On	Full ASCII Off (default)

2.4.15 Code 39 Length Setting

	<p>OPMERKING: If the maximum length is less than the minimum length, only the barcode of these two lengths will be Scan. If the maximum length is equal to the minimum length, only this length is supported.</p>
---	---



	
Minimum length setting	Maximum length setting

Example





Set the scanner to Scan only barcodes with a minimum of 8 bytes and a maximum of 12 bytes.

1. Scan "Startup Settings"
2. Scan "Minimum length setting"
3. Scan Digital Code "8" (see Appendix 1 for data and edit barcode)
4. Scan "Save" (see Appendix 1 to save or cancel)
5. Scan "Maximum length setting"
6. Scan Digital Code "1" "2" (see Appendix 1)
7. Scan "Save" (see Appendix 1 to save or cancel)
8. Scan "Exit Settings"

2.4.16 Code 32 settings


	
Convert Code39 to Code32	Do not Convert Code39 to Code32 (default)



2.4.17 Code 128 settings

	
Code 128 on (default)	Code 128 Off
	
Transmit Code 128 Check Character	Do not Transmit Code 128 Check Character (default)

2.4.18 Code 128 length setting

OPMERKING:

 If the maximum length is less than the minimum length, only the barcode of these two lengths will be Scan. If the maximum length is equal to the minimum length, only this length is supported.

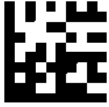





	
Minimum length setting	Maximum length setting

Example

Set the scanner to Scan only barcodes with a minimum of 8 bytes and a maximum of 12 bytes.


1. Scan "Startup Settings"
2. Scan "Minimum length setting"
3. Scan Digital Code "8" (see Appendix 1 for data and edit barcode)
4. Scan "Save" (see Appendix 1 to save or cancel)
5. Scan "Maximum length setting"
6. Scan Digital Code "1" "2" (see Appendix 1)
7. Scan "Save" (see Appendix 1 to save or cancel)
8. Scan "Exit Settings"

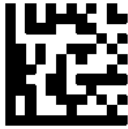
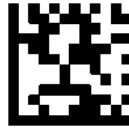
2.4.19 Code 93 settings

	
Code 93 On (default)	Code 93 Off
	
Enable Code 93 Check Character (default)	Disable Code 93 Check Character
	
Transmit Code 93 check digit	Do not Transmit Code 93 Check Digit (default)

2.4.20 Code 93 Length Setting

OPMERKING:

 If the maximum length is less than the minimum length, only the barcode of these two lengths will be Scan. If the maximum length is equal to the minimum length, only this length is supported.







	
Minimum length setting	Maximum length setting

Example

Set the scanner to Scan only barcodes with a minimum of 8 bytes and a maximum of 12 bytes.


1. Scan "Startup Settings"
2. Scan "Minimum length setting"
3. Scan Digital Code "8" (see Appendix 1 for data and edit barcode)
4. Scan "Save" (see Appendix 1 to save or cancel)
5. Scan "Maximum length setting"
6. Scan Digital Code "1" "2" (see Appendix 1)
7. Scan "Save" (see Appendix 1 to save or cancel)
8. Scan "Exit Settings"



2.4.21 Codabar Settings

	
Codabar on (default)	Codabar Off
	
Transmit Codabar start and stop characters	Do not Transmit Codabar start and stop characters (default)
	
Not check	Enable check transmit check bit

2.4.22 Codabar Length Setting

OPMERKING:

 If the maximum length is less than the minimum length, only the barcode of these two lengths will be Scan. If the maximum length is equal to the minimum length, only this length is supported.



	
Minimum length setting	Maximum length setting

Example



Set the scanner to Scan only barcodes with a minimum of 8 bytes and a maximum of 12 bytes.

1. Scan "Startup Settings" barcode
2. Scan "Minimum length setting" barcode
3. Scan Digital Code "8" (see Appendix 1 for data and edit barcode)
4. Scan "Save" (see Appendix 1 to save or cancel)
5. Scan "Maximum length setting"
6. Scan Digital Code "1" "2" (see Appendix 1)
7. Scan "Save" (see Appendix 1 to save or cancel)
8. Scan "Exit Settings".



2.4.23 GS1 Databar Limited

	
Enable	Disable



2.4.24 GS1 Databar omnidirectional

	
Enable	Disable



2.4.25 GS1 Databar Expanded

	
Enable	Disable





2.4.26 DOT_CODE





	
Enable	Disable

2.4.27 Composite



	
Enable	Disable

2.4.28 Data matrix Code



	
Enable	Disable
	
2 of 5 enable	2 of 5 disable

	
Matrix 2 of 5 check bit enable	Matrix 2 of 5 check bit disable
	
Output matrix 2 of 5 check bit	Not output matrix 2 of 5 check bit



2.4.29 MSI

	
Enable	Disable



2.4.30 QR

	
Enable	Disable



2.4.31 Micro QR code

	
Enable	Disable



2.4.32 PDF417

	
Enable	Disable



2.4.33 Micro PDF417

	
Enable	Disable



2.4.34 Pharmacode

	
Enable	Disable



2.4.35 RSS-Expanded

	
Enable	Disable







2.4.36 RSS-Limited

	
Enable	Disable



2.4.37 Maxicode

	
Enable	Disable

2.4.38 Interleave 2 of 5 (ITF5) setting

	
ITF5 on (default)	ITF5 off
	
Enable ITF25 check character (default)	Disable ITF25 Check Character
	
Transmit ITF25 Check Character	Do not Transmit ITF25 Check Charcter (default)

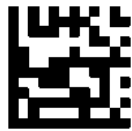
2.4.39 Aztec code

	
Enable	Disable

2.4.40 ITF25 length setting

**OPMERKING:**

If the maximum length is less than the minimum length, only the barcode of these two lengths will be Scan. If the maximum length is equal to the minimum length, only this length is supported.



Minimum length setting



Maximum length setting

Example

Set the scanner to Scan only barcodes with a minimum of 8 bytes and a maximum of 12 bytes.

1. Scan "Startup Settings" barcode
2. Scan "Minimum length setting" barcode
3. Scan Digital Code "8" (see Appendix 1 for data and edit barcode)
4. Scan "Save" (see Appendix 1 to save or cancel)
5. Scan "Maximum length setting"
6. Scan Digital Code "1" "2" (see Appendix 1)
7. Scan "Save" (see Appendix 1 to save or cancel)
8. Scan "Exit Settings".

3. Appendix

3.1.1 ASCII

Hexadecimal	Decimal	ASCII	Function Key Mapping		
			Disable	Ctrl Char	Alt+Unicode
00	0	NUL	Null	Ctrl+@	Alt + 000
01	1	SOH	Home	Ctrl+A	Alt + 001
02	2	STX	End	Ctrl + B	Alt + 002
03	3	ETX	Up Arrow	Ctrl+C	Alt + 003
04	4	EOT	Down Arrow	Ctrl + D	Alt + 004
05	5	ENQ	Left Arrow	Ctrl + E	Alt + 005
06	6	ACK	Right Arrow	Ctrl + F	Alt + 006
07	7	BEL	Null	Ctrl+G	Alt + 007
08	8	餞	Backspace	Backspace	Alt + 008
09	9		TAB	TAB	Alt + 009
0A	10	LF	Null	Ctrl + J	Alt + 010
0B	11	VT	Null	Ctrl + K	Alt + Oil
0C	12	FF	Null	Ctrl + L	Alt + 012

OD	13	處	Enter	Enter	Enter
OE	14	SO	Page Up	Ctrl + N	Alt + 014
OF	15	SI	Page Down	Ctrl+O	Alt + 015