



2D Barcode Scanner Manual

CA-SC-10200B



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1. Introduction

1.1 Manual Description

This user's manual mainly provides instruction on configuring scanner. By scanning the configuration barcodes in this manual, you can change scanner's interface, reading mode, data format and so on. The appendix lists the default configurations of scanner. In most cases, user can use scanner without further configuration.

1.3 Barcode Configurability

Scanning below configuration barcodes will allow/prohibit user to change settings by scanning configuration barcodes in this manual.



Enable Barcode Configurability*



Disable Barcode Configurability

Scanning below configuration barcodes will allow/prohibit configuration barcode data output.



Enable Config Barcode Data Output



Disable Config Barcode Data Output*

1.4 Factory Default

Scanning below configuration barcode will reset all parameters to factory default settings (the ones with * asterisk mark)



Factory Default

1.5 Custom Default

You can create your own custom default. Scan **Save Custom Default** configuration barcode below and all the current settings of scanner will be saved to your custom default, overwriting, if any, the previous one. Scan **Custom Default** to reset scanner to the custom default settings.



Save Custom Default



Custom Default

1.6 Check Version

To check firmware version, please scan below configuration barcode.



Check Version

2. Interface

Scanner provides multiple USB interfaces to communicate with the host. Through communication interface.

2.1 RS232

Scanning below configuration barcode will set scanner to RS232 interface.



RS232

Parameter	Default
Serial communication type	RS232
Baud Rate	9600
Parity	None
Data Bits	8
Stop Bits	1
Hardware Flow Control	None

2.1.1 Baud Rate

The unit of Baud Rate is bps (bits per second); below are available options:



1200



2400



4800



14400



38400



115200



9600*



19200



57600

2.1.2 Parity

Three parity options are available:



None*



Odd



Even

2.2 USB HID

Scanning below configuration barcode will set scanner to USB HID interface, in which scanner becomes an HID keyboard device.



USB HID*

2.2.1 Intercharacter Delay

Intercharacter delay is the time interval between the release of last key and the pressing of the next key. The configurable range is from 0 to 75ms; default is 2ms. Please refer to Appendix D for configuration method of **Set Intercharacter Delay**.



2ms*



0ms



5ms



10ms



Set Intercharacter Delay

2.2.2 Polling Rate

The smaller the value, the faster scanner sends characters to the host. If the host loses characters, please increase polling rate.



1ms*



2ms



3ms



4ms



5ms



6ms



7ms



8ms



9ms



10ms

2.2.3 Keyboard Layout



English (USA)*



French



Italian



Spanish



English (UK)



Portuguese



German



Turkish Q



Belgian



Brazilian



Hungary



Greek



Finland



Czech



Italian (142)



Russian Typewriter



Irish



Polish (Programmers)



Turkey F



Sweden



Denmark



Austria (German)



Russia



Arabic



Polish 214



Dutch (Netherlands)



Japan



Croatia



Bulgaria



North Korea



Thailand



Romania



Slovakia

2.3 USB VCP

When configured to USB VCP interface, scanner can communicate with the host via USB Virtual COM, which requires VCP driver to be installed.



USB VCP

2.4 HID POS

When configured to USB HID POS interface, scanner can communicate with the host via USB HID, which requires no driver.



HID POS

vid: 0x26f1

pid: 0x8803

Host's command:

Byte	Content
0	Message ID (0x04)
1	Data length
2-61	Data (CMD)
62	0x00, 1 byte reserved
63	0x00 (no data behind) 0x01 (more data behind)

Scanner's response:

Byte	Content
0	Message ID (0x02)
1	Data length
2-57	Data (DATA)
58-62	0x00, 5 bytes reserved
63	0x00 (no data behind) 0x01 (more data behind)

3. Reading Mode

3.1 Batch Mode

In batch mode, scanner starts scanning barcode when trigger is pressed. If trigger keeps being pressed, the scanning continues, with each barcode scanned once. To restart a new batch reading, the trigger must be released and pressed again.



Batch Mode

3.2 Trigger Mode

In trigger mode, scanner starts scanning barcode when trigger is pressed. If trigger keeps being pressed within LED timeout, the scanning continues. When trigger is released or LED timeout expires, the scanning stops. To restart scanning, the trigger must be released and pressed again.



Trigger Mode

3.2.1 Trigger Condition

When trigger condition = level, the trigger must always be pressed during a scanning operation. When trigger condition = pulse, scanner starts scanning whenever the trigger is pressed, and will continue scanning until a barcode is scanned or a pre-set timeout is reached.



Level*	Pulse
--------	-------

3.2.2 LED Timeout

LED timeout is the maximum scanning duration. When LED timeout expires, the scanning operation stops automatically. The configurable range is from 1000 to 3600000ms; default is 3000ms. Please refer to Appendix D for configuration method of **Set LED Timeout**.



3000ms*



5000ms



Set LED Timeout

3.2.3 Identical Read Interval

When identical read interval = 0ms, a barcode can be scanned only once. When identical read interval > 0ms, a barcode (or an identical one) can be re-scanned after the defined amount of interval expires. When identical read interval is enabled and identical read interval reset is disabled, a barcode (or an identical one) can be re-scanned only after the defined amount of interval expires. When identical read interval is enabled and identical read interval reset is enabled, a barcode (or an identical one) can be re-scanned only if it has not been scanned before the defined amount of interval expires.



Disable Identical Read Interval*



Enable Identical Read Interval



Disable Identical Read Interval reset*



Enable Identical Read Interval reset

The configurable range is from 0 to 65535ms; default is 1500ms. Please refer to Appendix D for configuration method of **Set Identical Read Interval**.



0ms



1000ms



1500ms*



3000ms



5000ms



Set Identical Read Interval

3.3 Auto-sensing Mode

In auto-sensing mode, scanner automatically starts scanning barcode when image change is detected within its field of view. scanner can still be triggered if trigger is pressed. When trigger is released or LED timeout expires, the scanning stops.



Auto-sensing Mode

3.3.1 LED Timeout

LED timeout is the maximum scanning duration. When LED timeout expires, the scanning operation stops automatically. The configurable range is from 1000 to 3600000ms; default is 3000ms. Please refer to Appendix D for configuration method of **Set LED Timeout**.



3000ms*



5000ms



Set LED Timeout

3.3.2 Identical Read Interval

When identical read interval = 0ms, a barcode can be scanned only once. When identical read interval > 0ms, a barcode (or an identical one) can be re-scanned after the defined amount of interval expires. When identical read interval is enabled and identical read interval reset is disabled, a barcode (or an identical one) can be re-scanned only after the defined amount of interval expires. When identical read interval is enabled and identical read interval reset is enabled, a barcode (or an identical one) can be re-scanned only if it has not been scanned before the defined amount of interval expires.



Disable Identical Read Interval*



Enable Identical Read Interval



Disable Identical Read Interval reset* **Enable Identical Read Interval reset**

The configurable range is from 0 to 65535ms; default is 1500ms. Please refer to Appendix D for configuration method of **Set Identical Read Interval**.



0ms



1000ms



1500ms*



3000ms



5000ms



Set Identical Read Interval

3.3.3 Image Stabilization Timeout

The configurable range is from 0 to 1600ms; default is 60ms. Please refer to Appendix D for configuration method of **Set Image Stabilization Timeout**.



60ms*



500ms



1000ms



Set Image Stabilization Timeout

3.3.4 Auto-sensing Sensitivity



Medium



Low



High*



Ultra High



Set Auto-sensing Threshold

The higher auto-sensing threshold is, the lower the sensitivity. The configurable range is from 1 to 50; default is 10. Please refer to Appendix D for configuration method of **Set Auto-sensing Threshold**.

3.4 Continuous Mode

In continuous mode, scanner keeps scanning barcodes continuously.



Continuous Mode

3.4.1 LED Timeout

LED timeout is the maximum scanning duration. When LED timeout expires, the scanning operation stops automatically. The configurable range is from 1000 to 3600000ms; default is 3000ms. Please refer to Appendix D for configuration method of **Set LED Timeout**.



3000ms*



5000ms



Set LED Timeout

3.4.2 Scan Interval

Scan interval is the period of time between two consecutive scans. The configurable range is from 0 to 65535ms; default is 1000ms. Please refer to Appendix D for configuration method of **Set Scan Interval**.



500ms



1000ms*



2000ms



5000ms



0ms



Set Scan Interval

3.4.3 Identical Read Interval

When identical read interval = 0ms, a barcode can be scanned only once. When identical read interval > 0ms, a barcode (or an identical one) can be re-scanned after the defined amount of interval expires. When identical read

interval is enabled and identical read interval reset is disabled, a barcode (or an identical one) can be re-scanned only after the defined amount of interval expires. When identical read interval is enabled and identical read interval reset is enabled, a barcode (or an identical one) can be re-scanned only if it has not been scanned before the defined amount of interval expires.



Disable Identical Read Interval*



Enable Identical Read Interval



Disable Identical Read Interval reset*



Enable Identical Read Interval reset

The configurable range is from 0 to 65535ms; default is 1500ms. Please refer to Appendix D for configuration method of **Set Identical Read Interval**.



0ms



1000ms



1500ms*



3000ms



5000ms



Set Identical Read Interval

4. Illumination and Aimer

4.1 Illumination



Normal*



Always Off



Always On

4.2 Aimer



Normal*



Always Off



Always On

5. Indicator

5.1 General Settings



Mute



Unmute*

5.2 Power Up Beep



On*



Off

5.3 Good Read Beep



On*



Off

5.3.1 Indicator Beep Type



Type 1



Type 2



5.3.2 Beep Volume



High*



Medium



Low

5.4 Configuration Barcode Beep



On*



Off

5.5 Good Read LED and duration



On*



Off



100ms



200ms*



500ms



Set Good Read LED duration

The configurable range is from 0 to 3600000ms; default is 200ms. Please refer to Appendix D for configuration method of **Set Good Read LED duration**.

5.6 Not Good Read (NGR) Message



On



Off*



Set NGR Message

The NGR message can be 0 to 7 bytes of data, ranging from 00 to FF. Please refer to Appendix D for configuration method of **Set NGR Message**.

6. Data Format

Full data format can be either one of following:

[Code ID] + [Preamble] + [DATA] + [Postamble] + [Terminator]

[Preamble] + [Code ID] + [DATA] + [Postamble] + [Terminator]

By default Code ID, Preamble and Postamble are disabled; terminator is 0x0D (Carriage Return). If full data format is disabled, only DATA will be displayed.

DATA can be further divided into [Start] + [Center] + [End] if the length of Start/End is defined.

6.1 General Settings



Enable Full Data Format*



Disable Full Data Format

6.2 Preamble + Code ID



Code ID + Preamble



Preamble + Code ID*

6.3 Preamble

6.3.1 Enable/Disable/Set Preamble



Enable Preamble



Disable Preamble*



Set Preamble

Preamble can be 0 to 16 bytes of data, ranging from 00 to FF. Please refer to Appendix D for configuration method of **Set Preamble**.

Example: to set Preamble as "CODE"

1. Convert "CODE" into Hex equivalent as 43, 4F, 44, 45
2. Scan **Set Preamble**
3. Scan **4, 3, 4, F, 4, 4, 4, 5** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

6.4 Code ID

6.4.1 Enable/Disable/Reset Code ID



Enable Code ID



Disable Code ID*



Reset All Code ID to Default

6.4.2 Set Code ID

Example: to set PDF417 Code ID as 'p'

1. Convert 'p' to Hex equivalent as 70
2. Scan **Set PDF417 Code ID**
3. Scan **7, 0** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**



Set PDF417 Code ID



Set Code128 Code ID



Set QR Code ID



Set Data Matrix Code ID



Set EAN-8 Code ID



Set EAN-13 Code ID



Set UPC-E0 Code ID



Set UPC-E1 Code ID



Set UPC-A Code ID



Set IATA 2/5 Code ID



Set Code39 Code ID



Set Code93 Code ID



Set Interleaved 2/5 Code ID



Set Codabar Code ID



Set Industrial 2/5 Code ID



Set Matrix 2/5 Code ID



Set Code11 Code ID



Set MSI Plessey Code ID



Set Micro QR Code ID



Set Code32 Code ID



Set ISBN Code ID



Set ISSN Code ID



Set Plessey Code ID



Set GS1 DataBar Code ID



Set GS1 DataBar Limited Code ID



Set GS1 DataBar Expanded Code ID



Set MicroPDF417 Code ID

6.5 Postamble

6.5.1 Enable/Disable Postamble



Enable Postamble



Disable Postamble*

6.5.2 Set Postamble



Set Postamble

Postamble can be 0 to 16 bytes of data, ranging from 00 to FF. Please refer to Appendix D for configuration method of **Set Postamble**.

Example: to set Preamble as "CODE"

1. Convert "CODE" into Hex equivalent as 43, 4F, 44, 45
2. Scan **Set Postamble**
3. Scan **4, 3, 4, F, 4, 4, 4, 5** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

6.6 Terminator

6.6.1 Enable/Disable Terminator



Enable Terminator*

Disable Terminator

6.6.2 Set Terminator



Terminator = 0x0D*



Terminator = 0x0D 0x0A



Set Terminator

Terminator can be 0 to 7 bytes of data, ranging from 00 to FF. Please refer to Appendix D for configuration method of **Set Terminator**.

Example: to set Terminator as 0x0D

1. Scan **Set Terminator**
2. Scan **0**, **D** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

6.7 Data

6.7.1 Data Output

DATA consists of three parts: [Start] + [Center] + [End]



Send DATA*



Send Start Only



6.7.2 Data Length



Set Start Length



Set End Length

Start/End Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Start/End Length**.

Example: to set Start Length as 2

1. Convert 2 to Hex equivalent as 02
2. Scan **Set Start**
3. Scan **0, 2** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

6.8 Encoding Format

Below configuration barcodes allow you to choose input data encoding format:



UTF8



BIG5



AUTO - BIG5 or UTF8

Below configuration barcodes allow you to choose output data encoding format:



UNICODE
(Word)



BIG5
(Notepad, Excel)

6.9 ECI mode



Enable ECI Mode*



Disable ECI Mode

7. Symbolologies

7.1 General Settings



Enable All Symbolologies



Disable All Symbolologies



Enable All 1D Symbolologies



Disable All 1D Symbolologies



Enable All 2D Symbolologies



Disable All 2D Symbolologies

7.2 Inverse Barcode



Enable All Inverse Barcodes



Disable All Inverse Barcodes*



Enable All 1D Inverse Barcodes



Disable All 1D Inverse Barcodes*



Enable Inverse PDF417



Disable Inverse PDF417



Enable Inverse Data Matrix



Disable Inverse Data Matrix



Enable Inverse QR Code



Disable Inverse QR Code

7.3 Code128

7.3.1 Reset to Default



Reset Code128 to Default

7.3.2 Enable/Disable Code128



Enable Code128*



Disable Code128

7.3.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.4 EAN-8

7.4.1 Reset to Default



Reset EAN-8 to Default

7.4.2 Enable/Disable EAN-8



Enable EAN-8*



Disable EAN-8

7.4.3 Check Digit



Send Check Digit*



Not Send Check Digit

7.4.4 Supplement



Disable 2-digit Supplement*



Enable 2-digit Supplement



Disable 5-digit Supplement*



Enable 5-digit Supplement

7.5 EAN-13

7.5.1 Reset to Default



Reset EAN-13 to Default

7.5.2 Enable/Disable EAN-13



Enable EAN-13*



Disable EAN-13

7.5.3 Check Digit



Send Check Digit*



Not Send Check Digit

7.5.4 Supplement



Disable 2-digit Supplement*



Enable 2-digit Supplement



Disable 5-digit Supplement*



Enable 5-digit Supplement

7.5.5 EAN-13 to ISBN



Disable EAN-13 to ISBN*



Enable EAN-13 to ISBN

7.5.6 EAN-13 to ISSN



Disable EAN-13 to ISSN*



Enable EAN-13 to ISSN

7.6 UPC-E0

7.6.1 Reset to Default



Reset UPC-E0 to Default

7.6.2 Enable/Disable UPC-E0



Enable UPC-E0*



Disable UPC-E0

7.6.3 Check Digit



Send Check Digit*



Not Send Check Digit

7.6.4 System Number



Send System Number*



Not Send System Number

7.7 UPC-E1

7.7.1 Reset to Default



Reset UPC-E1 to Default

7.7.2 Enable/Disable UPC-E1



Enable UPC-E1*



Disable UPC-E1

7.7.3 Check Digit



Send Check Digit*



Not Send Check Digit

7.7.4 System Number



Send System Number*



Not Send System Number

7.7.5 Supplement



Disable 2-digit Supplement*



Enable 2-digit Supplement



Disable 5-digit Supplement*



Enable 5-digit Supplement

7.8 UPC-A

7.8.1 Reset to Default



Reset UPC-A to Default

7.8.2 Enable/Disable UPC-A



Enable UPC-A*



Disable UPC-A

7.8.3 UPC-A to EAN-13



Disable UPC-A to EAN-13*



Enable UPC-A to EAN-13

7.8.4 Check Digit



Send Check Digit*



Not Send Check Digit

7.8.5 System Number



Send System Number*



Not Send System Number

7.8.6 Supplement



Disable 2-digit Supplement*



Enable 2-digit Supplement



Disable 5-digit Supplement*



Enable 5-digit Supplement

7.9 Interleaved 2/5

7.9.1 Reset to Default



Reset Interleaved 2/5 to Default

7.9.2 Enable/Disable Interleaved 2/5



Enable Interleaved 2/5*



Disable Interleaved 2/5

7.9.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.9.4 Verification



Disable Verification*



**Enable Verification
Not Send Check Digit**



**Enable Verification
Send Check Digit**

7.10 Matrix 2/5

7.10.1 Reset to Default



Reset Matrix 2/5 to Default

7.10.2 Enable/Disable Matrix 2/5



Enable Matrix 2/5



Disable Matrix 2/5*

7.10.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.10.4 Verification



Disable Verification*



**Enable Verification
Not Send Check Digit**



**Enable Verification
Send Check Digit**

7.11 Industrial 2/5

7.11.1 Reset to Default



Reset Industrial 2/5 to Default

7.11.2 Enable/Disable Industrial 2/5



Enable Industrial 2/5



Disable Industrial 2/5*

7.11.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.11.4 Verification



Disable Verification*



Enable Verification



Enable Verification

Not Send Check Digit

Send Check Digit

7.12 IATA 2/5

7.12.1 Reset to Default



Reset IATA 2/5 to Default

7.12.2 Enable/Disable IATA 2/5



Enable IATA 2/5



Disable IATA 2/5*

7.12.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.12.4 Verification



Disable Verification*



**Enable Verification
Not Send Check Digit**



**Enable Verification
Send Check Digit**

7.13 Code39

7.13.1 Reset to Default



Reset Code39 to Default

7.13.2 Enable/Disable Code39



Enable Code39*



Disable Code39

7.13.3 Send Start & Stop



Send Start & Stop



Not Send Start & Stop

7.13.4 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.13.5 Verification



Disable Verification*



Enable Verification
Not Send Check Digit



Enable Verification
Send Check Digit

7.13.6 Enable/Disable Code32



Disable Code32*



Enable Code32

7.13.7 Full ASCII Code39



Enable Full ASCII Code39



Disable Full ASCII Code39*

7.14 Codabar

7.14.1 Reset to Default



Reset Codabar to Default

7.14.2 Enable/Disable Codabar



Enable Codabar*



Disable Codabar

7.14.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length**Set Max Length**

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.14.4 Verification



Disable Verification*



**Mod10 Verification
Send Check Digit**



**Mod10 Verification
Not Send Check Digit**



**Mod16 Verification
Send Check Digit**



**Mod16 Verification
Not Send Check Digit**

7.14.5 Send Start & Stop



Not Send Start & Stop*



Start & Stop = ABCD/ABCD*



Start & Stop = ABCD/TN*E



Start & Stop = abcd/abcd



Start & Stop = abcd/tn*e

7.15 Code93

7.15.1 Reset to Default



Reset Code93 to Default

7.15.2 Enable/Disable Code93



Enable Code93*



Disable Code93

7.15.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.16 Code11

7.16.1 Reset to Default



Reset Code11 to Default

7.16.2 Enable/Disable Code11



Enable Code11



Disable Code11*

7.16.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.17 MSI Plessey

7.17.1 Reset to Default



Reset MSI Plessey to Default

7.17.2 Enable/Disable MSI Plessey



Enable MSI Plessey



Disable MSI Plessey*

7.17.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.18 GS1 DataBar



Enable GS1 DataBar



Disable GS1 DataBar*

7.19 GS1 DataBar Limited



Enable GS1 DataBar Limited



Disable GS1 DataBar Limited*

7.20 GS1 DataBar Expanded



Enable GS1 DataBar Expanded



Disable GS1 DataBar Expanded*

7.21 Plessey

7.21.1 Reset to Default



Reset Plessey to Default

7.21.2 Enable/Disable Plessey



Enable Plessey



Disable Plessey*

7.21.3 Min/Max Length



Min Length = 00*



Min Length = 04



Max Length = 32



Max Length = 255*



Set Min Length



Set Max Length

Min/Max Length can be 0 to 255 digits, converted into 00 to FF during configuration. Please refer to Appendix D for configuration method of **Set Min/Max Length**.

7.21.4 Check Digit



Send Check Digit



Not Send Check Digit*

7.22 PDF417



Enable PDF417*



Disable PDF417

7.23 MicroPDF417



Enable MicroPDF417



Disable MicroPDF417*

7.24 QR Code



Enable QR Code*



Disable QR Code

7.25 Micro QR Code



Enable Micro QR Code



Disable Micro QR Code*

7.26 Data Matrix



Enable Data Matrix*



Disable Data Matrix

7.27 Aztec



Enable Aztec



Disable Aztec*

8. Configuration Barcode

8.1 Data 0~F



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F

8.2 Save & Abort

If there is an error reading data barcode during configuration, you may cancel 1/all data by scanning below configuration barcodes.

For example, barcode data '1', '2', '3' have been scanned respectively during configuration. If you want to cancel '3', scan **Abort 1 Data**. If you want to cancel '123', scan **Abort All Data**. Alternatively you may scan **Abort Configuration** to cancel the whole configuration process.



Save Configuration



Abort 1 Data



Abort All Data



Abort Configuration

Appendix

Appendix A - Default Table

Function		Default	Remark
Barcode Configurability		Enable	
Config Barcode Data Output		Disable	
Interface		USB HID	
RS232	Baud Rate	9600	
	Parity	None	
	Data Bits	8	
	Stop Bit	1	
	Flow Control	None	
USB HID	Keyboard Layout	English (USA)	
	Intercharacter Delay	2ms	
	Polling Rate	1ms	
Reading Mode		Trigger Mode	
Trigger Mode	LED Timeout	3000ms	Range: 1000~3600000ms
	Trigger Condition	Level	
	Identical Read Interval	Disable	
	Identical Read Interval Reset	Disable	
	Set Identical Read Interval	1500ms	
Auto-sensing Mode	LED Timeout	3000ms	Range: 1000~3600000ms
	Image Stabilization Timeout	60ms	Range: 0~1600ms
	Identical Read Interval	Disable	
	Identical Read Interval Reset	Disable	
	Set Identical Read Interval	1500ms	Range: 0~65535ms
	Auto-sensing Threshold	10	Range: 1~50
Continuous Mode	LED Timeout	3000ms	Range: 1000~3600000ms
	Scan Interval	1000ms	Range: 0~65535ms

	Identical Read Interval	Disable	
	Identical Read Interval Reset	Disable	
	Set Identical Read Interval	1500ms	Range: 0~65535ms
Illumination		Normal	
Aimer		Normal	
Power Up Beep		Enable	
Good Read	Beep	Enable	
	Indicator Beep Type	Type 3	
	Beep Volume	High	
Configuration Barcode Beep		Enable	
Good Read LED		Enable	
NGR	On/Off	Off	
	Message	None	
Preamble + Code ID		Preamble + Code ID	
Preamble		Disable	
Set Preamble		None	
Code ID		Disable	
Postamble		Disable	
Set Postamble		None	
Terminator		Enable	
Set Terminator		0x0D	
Data Output		Send Data	
Data Length		0	Range: 0~255
Encoding Format		GBK	
ECI Mode		Enable	
Code128			
Enable/Disable		Enable	
Max Length		255	
Min Length		0	
EAN-8			
Enable/Disable		Enable	
Check Digit		Send	
2-digit Supplement		Disable	
5-digit Supplement		Disable	

EAN-13		
Enable/Disable	Enable	
Check Digit	Send	
2-digit Supplement	Disable	
5-digit Supplement	Disable	
EAN13 to ISBN	Disable	
EAN13 to ISSN	Disable	
UPC-E0		
Enable/Disable	Enable	
Check Digit	Send	
System Number	Send	
UPC-E1		
Enable/Disable	Enable	
Check Digit	Send	
System Number	Send	
2-digit Supplement	Disable	
5-digit Supplement	Disable	
UPC-A		
Enable/Disable	Enable	
UPCA to EAN13	Disable	
Check Digit	Send	
2-digit Supplement	Disable	
5-digit Supplement	Disable	
System Number	Send	
Interleaved 2/5		
Enable/Disable	Enable	
Verification	Disable	
Check Digit	Not Send	
Max Length	255	
Min Length	0	
Matrix 2/5		
Enable/Disable	Disable	
Verification	Disable	
Check Digit	Not Send	
Max Length	255	
Min Length	0	

Industrial 2/5		
Enable/Disable	Disable	
Verification	Disable	
Check Digit	Not Send	
Max Length	255	
Min Length	0	
IATA 2/5		
Enable/Disable	Disable	
Verification	Disable	
Check Digit	Not Send	
Max Length	255	
Min Length	0	
Code39		
Enable/Disable	Enable	
Verification	Disable	
Check Digit	Not Send	
Start & Stop	Not Send	
Full ASCII Code39	Disable	
Code32	Disable	
Max Length	255	
Min Length	0	
Codabar		
Enable/Disable	Enable	
Verification	Disable	
Check Digit	Not Send	
Start & Stop	Not Send	
Start & Stop Type	ABCD/ABCD	
Max Length	255	
Min Length	0	
Code93		
Enable/Disable	Enable	
Max Length	255	
Min Length	0	
Code11		
Enable/Disable	Disable	
Max Length	255	

Min Length	0	
MSI Plessey		
Enable/Disable	Disable	
Max Length	255	
Min Length	0	
GS1 DataBar		
Enable/Disable	Disable	
GS1 DataBar Limited		
Enable/Disable	Disable	
GS1 DataBar Expanded		
Enable/Disable	Disable	
Plessey		
Enable/Disable	Disable	
Max Length	255	
Min Length	0	
Check Digit	Not Send	
PDF417		
Enable/Disable	Enable	
MicroPDF417		
Enable/Disable	Disable	
QR Code		
Enable/Disable	Enable	
Micro QR Code		
Enable/Disable	Disable	
Data Matrix		
Enable/Disable	Enable	
Aztec		
Enable/Disable	Disable	

Appendix B - Code ID

Symbology	Code ID
Code128	j
EAN-8	d
EAN-13	d
UPC-E0	c
UPC-E1	c
UPC-A	c
Interleaved 2/5	e
Matrix 2/5	v
Industrial 2/5	D
IATA 2/5	s
Code39	b
Codabar	a
Code93	i
PDF417	r
QR Code	Q
Data Matrix	u
Code 11	H
MSI Plessey	J
Micro QR Code	Q
Code32	b
ISBN	d
ISSN	d
Aztec	z
GS1 DataBar	R
GS1 DataBar Limited	R
GS1 DataBar Expanded	R
Plessey	p
MicroPDF417	s

Appendix C - ASCII Table

Hex	Dec	ASCII
00	0	NUL (Null char.)
01	1	SOH (Start of Header)
02	2	STX (Start of Text)
03	3	ETX (End of Text)
04	4	EOT (End of Transmission)
05	5	ENQ (Enquiry)
06	6	ACK (Acknowledgment)
07	7	BEL (Bell)
08	8	BS (Backspace)
09	9	HT (Horizontal Tab)
0a	10	LF (Line Feed)
0b	11	VT (Vertical Tab)
0c	12	FF (Form Feed)
0d	13	CR (Carriage Return)
0e	14	SO (Shift Out)
0f	15	SI (Shift In)
10	16	DLE (Data Link Escape)
11	17	DC1 (XON)(DeviceControl1)
12	18	DC2 (DeviceControl2)
13	19	DC3 (XOFF)(DeviceControl3)
14	20	DC4 (DeviceControl4)
15	21	NAK (Negative Acknowledgment)
16	22	SYN (Synchronous Idle)
17	23	ETB (End of Trans. Block)
18	24	CAN (Cancel)
19	25	EM (End of Medium)
1a	26	SUB (Substitute)
1b	27	ESC (Escape)
1c	28	FS (File Separator)
1d	29	GS (Group Separator)
1e	30	RS (Request to Send)
1f	31	US (Unit Separator)
20	32	SP (Space)

21	33	! (Exclamation Mark)
22	34	" (Double Quote)
23	35	# (Number Sign)
24	36	\$ (Dollar Sign)
25	37	% (Percent)
26	38	& (Ampersand)
27	39	` (Single Quote)
28	40	((Right/Closing Parenthesis)
29	41	) (Right/Closing Parenthesis)
2a	42	* (Asterisk)
2b	43	+ (Plus)
2c	44	, (Comma)
2d	45	- (Minus/Dash)
2e	46	. (Dot)
2f	47	/ (Forward Slash)
30	48	0
31	49	1
32	50	2
33	51	3
34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3a	58	: (Colon)
3b	59	; (Semi-colon)
3c	60	< (Less Than)
3d	61	= (Equal Sign)
3e	62	> (Greater Than)
3f	63	? (Question Mark)
40	64	@ (AT Symbol)
41	65	A
42	66	B
43	67	C
44	68	D

45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4a	74	J
4b	75	K
4c	76	L
4d	77	M
4e	78	N
4f	79	O
50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z
5b	91	[(Left/Opening Bracket)
5c	92	\ (Back Slash)
5d	93	] (Right/Closing Bracket)
5e	94	^ (Caret/Circumflex)
5f	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h

69	105	i
6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y
7a	122	z
7b	123	{ (Left/Opening Brace)
7c	124	(Vertical Bar)
7d	125	} (Right/Closing Brace)
7e	126	~ (Tilde)
7f	127	DEL(Delete)

Appendix D - Configuration Method

LED Timeout

Example: to set LED Timeout as 1500ms

1. Scan **Set LED Timeout**
2. Scan **1, 5, 0, 0** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Image Stabilization Timeout

Example: to set Image Stabilization Timeout as 500ms

1. Scan **Set Image Stabilization Timeout**
2. Scan **5, 0, 0** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Identical Read Interval

Example: to set Identical Read Interval as 1000ms

1. Scan **Set Identical Read Interval**
2. Scan **1, 0, 0, 0** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Auto-sensing Threshold

Example: to set Auto-sensing Threshold as 4

1. Scan **Set Auto-sensing Threshold**
2. Scan **4** from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Scan Interval

Example: to set Scan Interval as 500ms

1. Scan **Set Scan Interval**
2. Scan **5, 0, 0** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Preamble/Postamble

Example: to set Preamble/Postamble as "CODE"

1. Convert "CODE" into Hex equivalent as 43, 4F, 44, 45
2. Scan **Set Preamble**
3. Scan **4, 3, 4, F, 4, 4, 4, 5** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

Terminator

Example: to set Terminator as 0x0D

1. Scan **Set Terminator**
2. Scan **0, D** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Code ID

Example: to set PDF417 Code ID as 'p'

1. Convert 'p' to Hex equivalent as 70
2. Scan **Set PDF417 Code ID**
3. Scan **7, 0** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

NGR (Not Good Read) Message

Example: to set NGR Message as '!ERR'

1. Convert '!ERR' to Hex equivalent as 21, 45, 52, 52
2. Scan **Set NGR Message**
3. Scan **2, 1, 4, 5, 5, 2, 5, 2** respectively from **8.1 Data 0~F**
4. Scan **Save Configuration** from **8.2 Save & Abort**

Min/Max Length

Example: to set Min Length as 8 and set Max Length as 12

1. Scan **Set Min Length**
2. Scan **8** from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

-
4. Scan **Set Max Length**
 5. Scan **1, 2** respectively from **8.1 Data 0~F**
 6. Scan **Save Configuration** from **8.2 Save & Abort**

Intercharacter Delay

Example: to set Intercharacter Delay as 15ms

1. Scan **Set Intercharacter Delay**
2. Scan **1, 5** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

Good Read LED Duration

Example: to set Intercharacter Delay as 200ms

1. Scan **Good Read LED Duration**
2. Scan **2, 0, 0** respectively from **8.1 Data 0~F**
3. Scan **Save Configuration** from **8.2 Save & Abort**

GB



Important WEEE information

This symbol on the product and /or accompanying documents indicates that, under Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), product(s) used electrical and electronic equipment (WEEE) should not be mixed with general household waste.

For proper treatment, recovery, and recycling, please take this product to designated collection points where it will be accepted free of charge.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact your local authority or for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

For professional users in the European Union

If you wish to discard electrical and electronic equipment (WEEE), please contact your dealer or supplier for further information.

DE



Wichtige WEEE-Informationen

Getrennte Erfassung von Altgeräten

Elektro- und Elektronikgeräte, die zu Abfall geworden sind, werden als Altgeräte bezeichnet. Besitzer von Altgeräten haben diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen. Altgeräte gehören insbesondere nicht in den Hausmüll, sondern in spezielle Sammel- und Rückgabesysteme.

Batterien und Akkus sowie Lampen

Besitzer von Altgeräten haben Altbatterien und Altakkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, im Regelfall vor der Abgabe an einer Erfassungsstelle vom Altgerät zu trennen. Dies gilt nicht, soweit Altgeräte einer Vorbereitung zur Wiederverwendung unter Beteiligung eines öffentlich-rechtlichen Entsorgungsträgers zugeführt werden.

Möglichkeiten der Rückgabe von Altgeräten

Besitzer von Altgeräten aus privaten Haushalten können diese bei den Sammelstellen der öffentlich-rechtlichen Entsorgungsträger oder bei den von Herstellern oder Vertreibern im Sinne des ElektroG eingerichteten Rücknahmestellen unentgeltlich abgeben.

Rücknahmepflichtig sind Geschäfte mit einer Verkaufsfläche von mindestens 400 m² für Elektro- und Elektronikgeräte sowie diejenigen Lebensmittelgeschäfte mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen. Dies gilt auch bei Vertrieb unter Verwendung von Fernkommunikationsmitteln, wenn die Lager- und Versandflächen für Elektro- und Elektronikgeräte mindestens 400 m² betragen oder die gesamten Lager- und Versandflächen mindestens 800 m² betragen. Vertreter haben die Rücknahme grundsätzlich durch geeignete Rückgabemöglichkeiten in zumutbarer Entfernung zum jeweiligen Endnutzer zu gewährleisten.

Die Möglichkeit der unentgeltlichen Rückgabe eines Altgerätes besteht bei rücknahmepflichtigen Vertreibern unter anderem dann, wenn ein neues gleichartiges Gerät, das im Wesentlichen die gleichen Funktionen erfüllt, an einen Endnutzer abgegeben wird.

Wenn ein neues Gerät an einen privaten Haushalt ausgeliefert wird, kann das gleichartige Altgerät auch dort zur unentgeltlichen Abholung übergeben werden; dies gilt bei einem Vertrieb unter Verwendung von Fernkommunikationsmitteln für Geräte der Kategorien 1, 2 oder 4 gemäß § 2 Abs. 1 ElektroG, nämlich „Wärmeüberträger“, „Bildschirmgeräte“ oder „Großgeräte“ (letztere mit mindestens einer äußeren Abmessung über 50 Zentimeter). Zu einer entsprechenden Rückgabe-Absicht werden Endnutzer beim Abschluss eines Kaufvertrages befragt. Außerdem besteht die Möglichkeit der unentgeltlichen Rückgabe bei Sammelstellen der Vertreter unabhängig vom Kauf eines neuen Gerätes für solche Altgeräte, die in keiner äußeren Abmessung größer als 25 Zentimeter sind, und zwar beschränkt auf drei Altgeräte pro Geräteart.

Datenschutz-Hinweis

Altgeräte enthalten häufig sensible personenbezogene Daten. Dies gilt insbesondere für Geräte der Informations- und Telekommunikationstechnik wie Computer und Smartphones. Bitte beachten Sie in Ihrem eigenen Interesse, dass für die Löschung der Daten auf den zu entsorgenden Altgeräten jeder Endnutzer selbst verantwortlich ist.

Bedeutung des Symbols „durchgestrichene Mülltonne“

as auf Elektro- und Elektronikgeräten regelmäßig abgebildete Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das jeweilige Gerät am Ende seiner Lebensdauer getrennt vom unsortierten Siedlungsabfall zu erfassen ist.

en, wenden Sie sich für weitere Informationen bitte an Ihren Händler oder Lieferanten.

FR



Informations importantes sur les DEEE

Ce symbole sur le produit ou les documents d'accompagnement signifie qu'en vertu de la directive 2012/19/UE relative aux déchets d'équipements électriques et électroniques (DEEE), le ou les produits d'équipements électriques et électroniques usagés (DEEE) ne doivent pas être mélangés avec les déchets ménagers ordinaires. Pour un traitement, une récupération et un recyclage appropriés, veuillez apporter ce produit à des points de collecte désignés où il sera accepté gratuitement.

L'élimination correcte de ce produit contribuera à économiser des ressources précieuses et à prévenir tout effet négatif potentiel sur la santé humaine et l'environnement, qui pourrait autrement résulter d'une gestion inappropriée des déchets.

Veuillez contacter votre autorité locale pour plus d'informations sur le point de collecte désigné le plus proche.

Des pénalités peuvent s'appliquer en cas d'élimination incorrecte de ce déchet, conformément à votre législation nationale.

Pour les utilisateurs professionnels dans l'Union européenne

Si vous souhaitez mettre au rebut un équipement électrique et électronique (DEEE), veuillez contacter votre revendeur ou votre fournisseur pour plus d'informations.

NL



Belangrijke AEEA-informatie

Dit symbool op het product en/of de begeleidende documenten geeft aan dat krachtens Richtlijn 2012/19/EU betreffende afgedankte elektrische en elektronische apparatuur (AEEA), gebruikte elektrische en elektronische apparatuur (AEEA) niet mag worden weggegooid bij algemeen huishoudelijk afval. Breng dit product voor een goede behandeling, terugwinning en recycling naar de aangewezen inzamelpunten waar het gratis wordt geaccepteerd.

Het correct verwijderen van dit product helpt met het terugwinnen van waardevolle stoffen en voorkomt mogelijke negatieve effecten voor de menselijke gezondheid en het milieu, die zouden kunnen voortkomen uit het incorrect omgaan met afval.

Neem contact op met uw lokale overheid of voor verdere details over het dichtstbijzijnde inzamelpunt.

Er kunnen boetes worden gegeven voor het niet correct verwijderen van dit afval, volgens uw nationale wetgeving.

Voor professionele gebruikers in de Europese Unie

Als u elektrische en elektronische apparatuur (AEEA) wilt weggooien, neem dan contact op met uw dealer of leverancier voor meer informatie.

IT



Informazioni importanti sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)

Questo simbolo sul prodotto e/o sui documenti di accompagnamento indica che, ai sensi della Direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE), i prodotti utilizzati non devono essere mischiati con i rifiuti domestici generici. Per un corretto smaltimento, recupero e riciclaggio, portare questi prodotti nei punti di raccolta designati dove saranno accettati gratuitamente.

Lo smaltimento corretto di questo prodotto consentirà di risparmiare risorse preziose e di prevenire potenziali effetti negativi sulla salute umana e sull'ambiente, che potrebbero altrimenti derivare da una gestione inadeguata dei rifiuti.

Contattare l'autorità locale per ulteriori dettagli sul punto di raccolta designato più vicino.

In caso di smaltimento non corretto di questi rifiuti, possono essere applicate sanzioni in conformità alla legislazione nazionale.

Per utenti professionali nell'Unione Europea

Per lo smaltimento di apparecchiature elettriche ed elettroniche (AEE), contattare il rivenditore o il fornitore per ulteriori informazioni.

ES



Información importante sobre RAEE

Este símbolo en el producto y/o en los documentos que lo acompañan indica que, en virtud de la Directiva 2012/19/UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), el/los producto(s) usado(s) eléctrico(s) y electrónico(s) no debe(n) mezclarse con los residuos domésticos generales. Para un tratamiento, recuperación y reciclaje adecuados, lleve este producto a los puntos de recogida designados, donde lo aceptarán de forma gratuita.

Al desechar estos productos correctamente, ayudará a ahorrar recursos valiosos y a evitar cualquier posible efecto negativo en la salud humana y el medioambiente que pudiera derivarse de una manipulación inadecuada de los residuos.

Póngase en contacto con las autoridades locales para obtener más detalles sobre el punto de recogida designado que tenga más cerca.

Pueden imponerse sanciones por desechar de forma incorrecta estos residuos, según la legislación de su país.

Para usuarios profesionales de la Unión Europea:

Si desea desechar equipos eléctricos y electrónicos (RAEE), póngase en contacto con su distribuidor o proveedor para obtener más información.

DK



Vigtige oplysninger om affald fra elektrisk og elektronisk udstyr

Dette symbol på produktet og/eller de ledsagende dokumenter angiver, at i henhold til Rådets direktiv 2012/19/EU om affald af elektrisk og elektronisk udstyr (WEEE), må et brugt elektrisk og elektronisk produkt eller brugte elektriske og elektroniske produkter (WEEE) ikke sammenblandes med almindeligt husholdningsaffald. Du bedes aflevere dette produkt på de dertil indrettede indsamlingssteder, hvor det modtages uden beregning med henblik på korrekt behandling, genanvendelse og genbrug.

Hvis du bortskaffer dette produkt korrekt, er du med til at bevare værdifulde ressourcer og forebygge potentielle negative virkninger på menneskers helbred og miljøet, som ellers kunne opstå som følge af u hensigtsmæssig affaldshåndtering.

Kontakt de lokale myndigheder eller for at få yderligere oplysninger om dit nærmeste dertil indrettede indsamlingssted.

Der kan blive pålagt bøder for ukorrekt bortskaffelse af dette affald i overensstemmelse med den nationale lovgivning, der er gældende i dit land.

Til professionelle brugere i Den Europæiske Union

Hvis du ønsker at kassere elektrisk og elektronisk udstyr (WEEE), bedes du kontakte din forhandler eller leverandør for at få yderligere oplysninger.

SE



Viktig WEEE-information

Denna symbol på produkten och/eller medföljande dokument anger att direktiv 2012/19/EU om avfall som utgörs av eller innehåller elektriska eller elektroniska produkter (WEEE) föreskriver att produkter som används i elektriska eller elektroniska produkter (WEEE) inte ska blandas med allmänt hushållsavfall. För korrekt behandling och återvinning ska du lämna in denna produkt till utsedda uppsamlingsplatser där den kommer att accepteras utan kostnad.

Att kassera denna produkt på rätt sätt bidrar till att spara värdefulla resurser och förhindra eventuella negativa effekter på människors hälsa och miljön, som annars kan uppstå vid olämplig avfallshantering.

Vänligen kontakta din lokala myndighet eller för ytterligare information om din närmaste utsedda uppsamlingsplats.

Påföljder kan tillämpas för felaktigt bortskaffande av detta avfall, i enlighet med din nationella lagstiftning.

För professionella användare i Europeiska unionen

Om du vill kassera elektrisk och elektronisk utrustning (WEEE) ska du kontakta din återförsäljare eller leverantör för ytterligare information.

NO



Viktig informasjon om WEEE

Dette symbolet på produktet og/eller medfølgende dokumentasjon indikerer at – i henhold til EU-direktiv 2012/19/EU om avfall fra elektrisk og elektronisk utstyr (WEEE) – skal ikke produkter brukt som elektrisk og elektronisk utstyr (WEEE) blandes med generelt husholdningsavfall. For korrekt behandling, gjenvinning og resirkulering, kan du ta med deg produktet til de angitte gjenvinningsstasjonene, hvor de kan tas imot uten ekstra kostnad.

Ved å avhende produktet på riktig måte bidrar du til å spare verdifulle ressurser og forhindre potensielle negative virkninger på folks helse og miljøet, noe som ellers kan oppstå som følge av uriktig avfallshåndtering.

Kontakt lokale myndigheter for mer detaljert informasjon om nærmeste gjenvinningsstasjon.

I henhold til nasjonal lovgivning kan det påløpe bøter for uriktig avhending av denne typen avfall.

For profesjonelle brukere i Den europeiske union

Hvis du ønsker å kildesortere elektrisk og elektronisk utstyr (WEEE), kan du kontakte forhandleren eller leverandøren din for ytterligere informasjon.

FI



Tärkeää tietoa sähkö- ja elektroniikkalaiteromusta

Tämä symboli tuotteessa ja/tai sen mukana tulevissa seuraavissa asiakirjoissa osoittaa, että sähkö- ja elektroniikkalaiteromusta annetun direktiivin 2012/19/EU mukaisesti käytettyjä sähkö- ja elektroniikkalaitteita ei saa hävittää tavanomaisen kotitalousjätteen mukana. Asianmukaista käsittelyä, uudelleenkäyttöä ja kierrätystä varten vie tämä tuote johonkin asianmukaisista keräyspisteistä, joihin se hyväksytään maksutta.

Tämän tuotteen asianmukainen hävittäminen auttaa säästämään arvokkaita materiaalivaroja ja estämään mahdolliset kielteiset vaikutukset ihmisten terveyteen ja ympäristöön, joita muutoin voisi aiheutua epäasianmukaisesta jätteenkäsittelystä.

Ota yhteyttä paikalliseen viranomaiseen tai kysy lisätietoja lähimmästä asianmukaisesta keräyspisteestä.

Tämän jätteen virheellisestä hävittämisestä voidaan määrätä seuraamuksia kansallisen lainsäädännön mukaisesti.

Ammattikäyttäjille Euroopan unionissa

Jos haluat hävittää sähkö- ja elektroniikkalaitteita (WEEE), ota yhteyttä jälleenmyyjään tai toimittajaan saadaksesi lisätietoja.

ET



Oluline teave elektroonikaromude kohta

See sümbol tootel ja/või toote dokumentatsioonis näitab, et vastavalt elektri- ja elektroonikaseadmetest tekkinud jäätmete direktiivile 2012/19/EL ei tohi kasutatud elektri- ja elektroonikaseadmeid visata ära koos tavaliste olmejäätmetega. Nõuetekohaseks töötlemiseks, taaskasutamiseks ja ringlussevõtuks viige toode selleks ettenähtud kogumispunktidesse, kus see võetakse tasuta vastu.

Toote nõuetekohane kasutuselt kõrvaldamine aitab säästa väärtuslikke ressursse ning vältida võimalikku negatiivset mõju inimeste tervisele ja keskkonnale, mis muidu võiks jäätmete sobimatu käitlemise tõttu tekkida.

Lähima kogumispunkti kohta saate teavet kohalikult ametiasutuselt.

Vastavalt riiklikele õigusaktidele võidakse nende jäätmete vale kõrvaldamise korral kohaldada karistusi.

Professionaalsetele kasutajatele Euroopa Liidus

Kui soovite utiliseerida elektri- ja elektroonikaseadmeid (WEEE), võtke lisateabe saamiseks ühendust edasimüüja või tarnijaga.

LT



Svarbi informacija apie EEJ atliekas

Šis simbolis ant gaminio ir (arba) prie jo pridėtuose dokumentuose rodo, kad vadovaujantis Direktyva 2012/19/ES dėl elektros ir elektroninės įrangos atliekų (EEJ) naudotos elektros ir elektroninės įrangos (EEJ) negalima maišyti su bendrosiomis buitinėmis atliekomis. Kad gaminys būtų tinkamai apdorotas, utilizuotas ir perdirbtas, nugabenkite jį į tam skirtus surinkimo punktus, kur jis bus priimtas nemokamai.

Tinkamai išmetant šį gaminį bus sutaupyta vertingų išteklių ir išvengta bet kokių galimo neigiamo poveikio žmonių sveikatai bei aplinkai, kuris galėtų atsirasti netinkamai tvarkant atliekas.

Norėdami gauti daugiau informacijos, kreipkitės į artimiausią specialų surinkimo punktą arba į vietos valdžios instituciją.

Už netinkamą tokių atliekų išmetimą gresia baudos, kaip numatyta pagal jūsų šalyje taikomus teisės aktus.

Profesionaliems naudotojams Europos Sąjungoje

Jei norite išmesti elektros ir elektroninę įrangą (EEJ), kreipkitės į jus aptarnaujantį jos platintoją arba tiekėją, kad gautumėte daugiau informacijos.

LV



Svarīga EEIA informācija

Šis simbols uz izstrādājuma un / vai pavaddokumentos norāda, ka saskaņā ar Direktīvu 2012/19/ES par elektrisko un elektronisko iekārtu atkritumiem (EEIA) elektrisko un elektronisko iekārtu lietotās iekārtas nedrīkst izmest kopā ar sadzīves atkritumiem. Lai veiktu pareizu atkritumu apstrādi un pārstrādi, nogādājiet šos produktus īpašos savākšanas punktus, kur tie tiks pieņemti bez samaksas.

Pareiza atbrīvošanās no šī produkta palīdzēs ietaupīt vērtīgus resursus un novērst jebkādu iespējamu negatīvu ietekmi uz cilvēka veselību un vidi, kas citādi varētu rasties no neatbilstīgas atkritumu apstrādes.

Lai saņemtu plašāku informāciju par tuvāko savākšanas punktu, sazinieties ar vietējo pašvaldību.

Nepareizas atkritumu pārstrādes gadījumā ir iespējams piemērot sodu.

Profesionāliem lietotājiem Eiropas Savienībā

Ja vēlaties atbrīvoties no elektriska un elektroniska aprīkojuma (EEIA), lūdzu, sazinieties ar savu izplatītāju vai piegādātāju, lai saņemtu plašāku informāciju.

PL



Ważne informacje dotyczące WEEE

Ten symbol na produkcie lub w dokumentach towarzyszących wskazuje, że zgodnie z dyrektywą 2012/19/UE w sprawie zużytego sprzętu elektrycznego i elektronicznego (WEEE) zużytego sprzętu elektrycznego i elektronicznego (WEEE) nie należy mieszać z odpadami ogólnymi z gospodarstw domowych. W celu prawidłowego przetworzenia, odzysku i recyklingu należy zabrać te produkty do wyznaczonych punktów zbiórki, gdzie zostaną one odebrane bezpłatnie.

Prawidłowa utylizacja tego produktu pomoże zaoszczędzić cenne zasoby i zapobiec potencjalnym negatywnym skutkom dla zdrowia ludzkiego i środowiska, które mogłyby powstać w wyniku niewłaściwego postępowania z odpadami.

Szczegółowe informacje na temat najbliższego wyznaczonego punktu zbiórki można uzyskać kontaktując się z miejscowymi władzami.

W przypadku nieprawidłowego usuwania tych odpadów mogą zostać nałożone kary zgodnie z przepisami obowiązującymi w danym kraju.

Informacja dla użytkowników profesjonalnych w Unii Europejskiej

W razie konieczności utylizacji urządzeń elektrycznych i elektronicznych (WEEE), prosimy o kontakt ze sprzedawcą lub dostawcą w celu uzyskania dalszych informacji.

CZ



Důležité informace o nakládání s OEEZ

Tento symbol na výrobku anebo v průvodních dokumentech udává, že podle směrnice 2012/19/EU o odpadních elektrických a elektronických zařízeních (OEEZ) výrobky používající elektrické a elektronické zařízení (OEEZ) nesmějí být likvidovány s běžným komunálním odpadem. Pro řádné zpracování, využití a recyklaci odnese tento výrobek na určená sběrná místa, kde bude přijat zdarma.

Správná likvidace tohoto produktu pomůže ušetřit cenné zdroje a zabránit možným negativním účinkům na lidské zdraví a životní prostředí, které by jinak mohly vzniknout v důsledku nevhodné manipulace s odpadem.

Pro informace o nejbližším sběrném místě kontaktujte místní úřady.

Za nesprávnou likvidaci tohoto odpadu mohou být v souladu s vnitrostátními právními předpisy uplatněny sankce.

Pro profesionální uživatele v Evropské unii

Chcete-li zlikvidovat elektrická a elektronická zařízení (OEEZ), obraťte se na svého prodejce nebo dodavatele pro další informace.