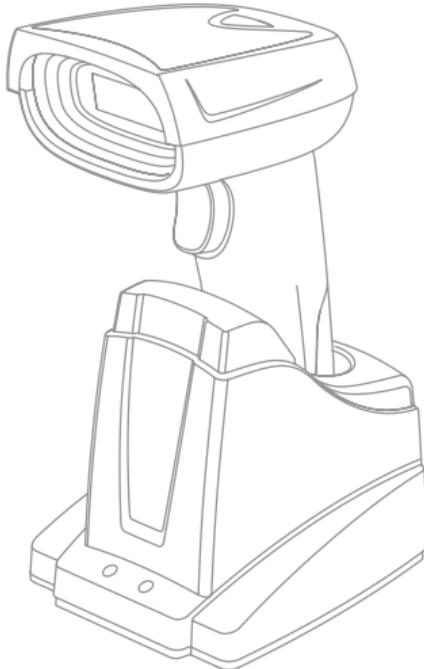


**ínateck®**

# User Guide

BCST-52 Barcode Scanner



English



# English

Note :

- 1). This user manual is not applicable to the BCST-52 whose SN starts with digit 8. Please download the corresponding manual if you have such barcode scanners at hand.
- 2). The factory default setting is indicated by an asterisk '\*'.

## 1. Reset to Factory Mode

- 1.1 If some function is set by a 1D barcode, you can reset it to factory mode by scanning the barcode below.



Reset to Factory Mode

- 1.2 If some function is set by a two-dimensional code, you can reset it to factory mode by scanning the two-dimensional code below.



Reset to Factory Mode

## 2. Inventory Mode

If you want to keep the barcodes in the buffer of Inateck BCST-52 for multiple uploading, you can choose inventory mode. In inventory mode, Inateck BCST-52 will count the number of the barcodes automatically. Users may use inventory mode to keep scanned barcodes in the buffer of Inateck BCST-52, and upload them to computer in batches. Under inventory mode, users are not restricted to the time and location when upload data. Of course, history data can be cleared in buffer after uploading. More details about inventory mode are as below.

- 2.1 Scan the 'Enter Inventory Mode' barcode to enter Inventory Mode.



Enter Inventory Mode

- 2.2 Scan the 'Data Upload (for Inventory Mode only)'barcode to upload data from buffer (for Inventory Mode only)



Data Upload (for Inventory Mode only)

2.3 Scan the barcode to upload the number of scanned barcodes (for Inventory Mode only)



Upload the Number of scanned barcodes (for Inventory Mode only)

2.4 Scan the barcode to clear data in buffer (for Inventory Mode only).



Clear Data in Buffer (for Inventory Mode only)

2.5 Scan the barcode to return to Common Mode.



(\*) Return to Common Mode

### 3. Show Battery Level



Show Battery Level

### 4. Bluetooth HID and SPP modes

BCST-52 has Bluetooth capability that supports data transmission under two modes including HID and SPP. When under HID mode, the BCST-52 connects your phone or computer automatically after pairing successfully. You can open a text editor program on your computer or phone to receive barcode information then. When under SPP mode, the BCST-52 can only finish connecting your computer or phone with the help of serial debugging tools after successful pairing. In that case, You should first open a serial debugging tool on your computer or phone, and use it to receive the barcode data. HID is the default mode, however, you can switch the modes by scanning the barcodes below.



(\*) Enable HID Mode



Enable SPP Mode

### 5. Output Product Information



Output product information

## 6. Time interval setting to read the same barcode

After reading a barcode, the scanner will not read the duplicate one within a certain time interval you set. Default: 0.5s, Setting range: 0-9.9s. The function is only available under Continuous Scanning Mode and Auto-induction Mode.

To set the time interval to read duplicate barcodes, for example:

- 6.1 To set the time interval to 0.5s, please scan the barcode below, and then scan "0" and "5" in Appendix 1.
- 6.2 To set the time interval to 8s, please scan the barcode below, and then scan "8" and "0" in Appendix 1.



Time interval setting to read the duplicate barcode

## 7. Settings to read all kinds of codes

### 7.1 Setting for 1D Inverse Barcode



(\*) Disable to decode 1D inverse barcode



Enable to decode 1D inverse barcode

Note: The relevant setting codes for 2D inverse codes are listed in the settings below.

### 7.2 Enable to read all 1D barcodes



Enable to read all 1D barcodes



Disable to read all 1D barcodes

### 7.3 Enable to read all 2D codes



Enable to read all 2D codes



Disable to read all 2D codes

### 7.4 UPC-A

#### 7.4.1 Scan the two-dimensional codes below to read/not to read UPC-A



(\*) Enable UPC-A



Disable UPC-A

#### 7.4.2 UPC-A Number System Character & Country Code



Do Not Output Number System Character & Country Code



(\*) Output Number System Character



Output Number System Character &Country Code

#### 7.4.3 UPC-A Check Digit



Do Not Output UPC-A Check Digit



(\*) Output UPC-A Check Digit

#### 7.4.4 UPC-A Additional Code

##### a. UPC-A Two Digits Additional Code



Enable



(\*) Disable

##### b. UPC-A Five Digits Additional Code



Enable



(\*) Disable

#### 7.5 UPC-E

##### 7.5.1 Scan the two-dimensional codes below to read/not to read UPC-E



(\*) Enable



Disable

### 7.5.2 UPC-E Number System Character & Country Code



Do Not Output Number



(\*) Output Number System Character



Output Number System Character &Country  
Code

### 7.5.3 UPC-E Check Digit



Do Not Output UPC-E Check Digit



(\*) Output UPC-E Check Digit

### 7.5.4 UPC-E Additional Code

#### a. UPC-E Two Digits Additional Code



Enable



(\*) Disable

b. UPC-E Five Digits Additional Code



Enable



(\*) Disable

7.5.5 Convert UPC-E to UPC-A



Enable



(\*) Disable

7.5.6 Convert UPC-A to EAN-13



Enable



(\*) Disable

7.5.7 UPC-E1



Enable



(\*) Disable

## 7.6 EAN-8

7.6.1 Scan the two-dimensional codes below to read/not to read EAN-8



(\*) Enable



Disable

7.6.2 EAN-8 Check Digit



Disable



(\*) Enable

7.6.3 EAN-8 Additional Code



Enable



(\*) Disable

b. EAN-8 Five Digits Additional Code



Enable



(\*) Disable

## 7.7 EAN-13

7.7.1 Scan the two-dimensional codes below to read/not to read EAN-13



(\*) Enable



Disable

## 7.7.2 EAN-13 Check Digit



Disable



(\*) Enable

## 7.7.3 ISBN



Enable



(\*) Disable

## 7.7.4 ISSN



(\*) Disable



Enable

## 7.7.5 EAN-13 Additional Code

### a. EAN-13 Two Digits Additional Code



Enable



(\*) Disable

### b. EAN-13 Five Digits Additional Code



Enable



(\*) Disable

## 7.8 CODE 128

### 7.8.1 Scan the two-dimensional codes below to read/not to read Code 128



(\*) Enable



Disable

### 7.8.2 GS1-128



(\*) Enable



Disable

## 7.9 Interleaved 2 of 5

7.9.1 Scan the two-dimensional codes below to read/not to read Interleaved 2 of 5.



(\*) Enable



Disable

7.9.2 Only decode Interleaved 2 of 5 of a certain length range.

Users can set to decode Interleaved 2 of 5 of a certain length range.

For example, to decode Interleaved 2 of 5 of the range of 4 - 20 digits:

Scan the barcode below, and then scan "0", "4", "2", "0" in Appendix 1.

If the barcode of a certain length range cannot be read, please read the barcode "Interleaved 2 of 5 of any length". Please contact us if the problem still occurs.



(\*) Interleaved 2 of 5 of a certain length range



Interleaved 2 of 5 of any length

7.9.3 Verify Interleaved 2 of 5 Check Digits



(\*) Enable



Disable

7.9.4 Output Interleaved 2 of 5 Check Digits



(\*) Enable



Disable

## 7.10 Matrix 2 of 5

7.10.1 Scan the two-dimensional codes below to read/not to read Matrix 2 of 5



Enable



(\*) Disable

7.10.2 Only decode Matrix 2 of 5 of a certain length range

Users can set to decode Matrix 2 of 5 of a certain length range.

For example, to decode Matrix 2 of 5 of the range of 4 - 20 digits:

Scan the barcode below, and then scan "0", "4", "2", "0" in Appendix 1.

If the barcode of a certain length range cannot be read, please read the barcode "Matrix 2 of 5 of any length". Please contact us if the problem still occurs.



Matrix 2 of 5 of a certain length range



Matrix 2 of 5 of any length

7.10.3 Verify Matrix 2 of 5 Check Digits



Enable



(\*) Disable

7.10.4 Output Matrix 2 of 5 Check Digits



Enable



(\*) Disable

## 7.11 Industrial 2 of 5

7.11.1 Scan the two-dimensional codes below to read/not to read Industrial 2 of 5



Enable



(\*) Disable

7.11.2 Only decode Industrial 2 of 5 of a certain length range

Users can set to decode Industrial 2 of 5 of a certain length range.

For example, to decode Industrial 2 of 5 of the range of 4 - 20 digits:

Scan the barcode below, and then scan "0", "4", "2", "0" in Appendix 1.

If the barcode of a certain length range cannot be read, please read the barcode "Industrial 2 of 5 of any length". Please contact us if the problem still occurs.



Industrial 2 of 5 of a certain length range



Industrial 2 of 5 of any length

7.11.3 Verify Industrial 2 of 5 Check Digit



Enable



(\*) Disable

7.11.4 Output Industrial 2 of 5 Check Digit



Enable



(\*) Digit

## 7.12 Standard 2 of 5

7.12.1 Scan the two-dimensional codes below to read/not to read Standard 2 of 5



Enable



(\*) Disable

7.12.2 Only decode Standard 2 of 5 of a certain length range

Users can set to only decode Standard 2 of 5 of a certain length range.

For example, to decode Standard 2 of 5 of the range of 4 - 20 digits:

Scan the barcode below, then scan "0", "4", "2", "0" in Appendix 1.

If the barcode of a certain length range cannot be read, please read the barcode "Standard 2 of 5 of any length". Please contact us if the problem still occurs.



Standard 2 of 5 of a certain length range



Standard 2 of 5 of any length

7.12.3 Verify Standard 2 of 5 Check Digit

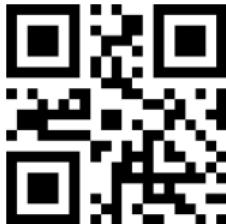


Enable



(\*) Disable

7.12.4 Output Standard 2 of 5 Check Digit



Enable



(\*) Disable

## 7.13 Code 39

7.13.1 Scan the two-dimensional codes below to read/not to read code 39



(\*) Enable



Disable

7.13.2 Length of Code 39



Decode Code 39 of any length

7.13.3 Verify Code39 Check Digit



Verify the Check Digit



(\*) Do Not Verify the Check Digit

7.13.4 Output Code39 Check Digit

To output the Check Digit, please enable to verify the Check Digit firstly.



Output the Check Digit



(\*) Do Not Output the Check Digit

### 7.13.5 Transmit Start/Stop Characters of Code 39



(\*) Disable



Enable

### 7.14 Code 39 Full ASCII

7.14.1 Scan the two-dimensional codes below to read/not to read Code 39 Full ASCII



Enable



(\*) Disable

### 7.15 Code 32

7.15.1 Scan the two-dimensional codes below to read/not to read Code 32



Enable



(\*) Disable

7.15.2 Add Prefix "A" for Code32



Enable



(\*) Disable

### 7.15.3 Verify Code32 Check Digit



(\*) Disable



Enable

### 7.15.4 Output Code 32 Check Digit



(\*) Output Check Digit



Output Start/Stop Characters and Check Digit

## 7.16 Code 93

### 7.16.1 Scan the two-dimensional codes below to read/not to read Code 93



(\*) Enable



Disable

### 7.16.2 Length of code93



Decode Code 93 of any length

### 7.16.3 Verify Code93 Check Digit



Enable



(\*) Disable

### 7.16.4 Output Code93 Check Digit



Enable



(\*) Disable

## 7.17 Code 11

### 7.17.1 Scan the two-dimensional codes below to read/not to read Code 11



Enable



(\*) Disable

### 7.17.2 Length of code11



Decode Code 11 of any length

### 7.17.3 Verify Check Digit



Enable



One Check Digit



Two Check Digits

### 7.17.4 Output Check Digit



Enable



(\*) Disable

## 7.18 Codabar

7.18.1 Scan the two-dimensional codes below to read/not to read codabar



Enable



(\*) Disable

#### 7.18.2 Length of Codabar



Decode Codabar of any length

#### 7.18.3 Format of Start/Stop Characters

The start and stop characters can be one of the four characters "A", "B", "C", "D".



(\*) ABCD/ABCD

The start character can be one of the four characters "A", "B", "C", "D", and the stop character can be one of the four characters "T", "N", "\*", "E".



ABCD/TN\*E

#### 7.18.4 Transmit Start/Stop Characters



Disable Start/Stop Characters



(\*) Enable Start/Stop Characters

## 7.19 MSI

7.19.1 Scan the two-dimensional codes below to read/not to read MSI



Enable



(\*) Disable

## 7.19.2 Length of MSI



Decode MSI of any length

## 7.20 GS1-Databar

7.20.1 Scan the two-dimensional codes below to read/not to read GS1-Databar



Enable



(\*) Disable

## 7.21 GS1 composite code

7.21.1 Scan the two-dimensional codes below to read/not to read GS1 composite code



Enable



(\*) Disable

## 7.22 QR Code

7.22.1 Scan the two-dimensional codes below to read/not to read QR code



(\*) Enable



Disable

7.22.2 QR Twin Code



Single QR Only



Twin QR Only



Both Single and Twin

7.22.3 QR Code Inverse



(\*) Decode Regular QR Code Only



Decode Both Regular and Inverse QR Code

#### 7.22.4 QR Code Mirror Setting



(\*) Disable



Enable

#### 7.23 Data Matrix

7.23.1 Scan the two-dimensional codes below to read/not to read Data Matrix



(\*) Enable



Disable

#### 7.23.2 Data Matrix Twin Code



Single Data Matrix Only



Twin Data Matrix Only



Both Single & Twin

### 7.23.3 Data Matrix Inverse



(\*) Decode Regular Data Matrix Only



Decode Inverse Data Matrix Only



Decode Both

### 7.23.4 Data Matrix Mirror Setting



(\*) Disable



Enable

## 7.24 PDF 417

### 7.24.1 Scan the two-dimensional codes below to read/not to read PDF417



(\*) Enable



Disable

#### 7.24.2 PDF417 Twin Code



Single PDF417 Only



Twin PDF417 Only



Both Single & Twin

#### 7.24.3 PDF417 Inverse



(\*) Decode Regular PDF417 Only



Decode Inverse PDF417 Only



Decode Both

## 7.25 Aztec code

7.25.1 Scan the two-dimensional codes below to read/not to read Aztec code



Enable



(\*) Disable

## 7.26 Maxi code

7.26.1 Scan the two-dimensional codes below to read/not to read Maxi code



Enable



(\*) Disable

## 7.27 Hanxin Code

7.27.1 Scan the two-dimensional codes below to read/not to read Hanxin Code



Enable



(\*) Disable

Appendix 1 : Digit Code



0



1



2



3



4



5



6



7



8



9

## Contact Information

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### Made in China

Das Gerät verfügt über einen Funkfrequenzbereich von 2,4 GHz +/- 120 Hz

Das Gerät entspricht den Harmonisierungsbestimmungen der EU gemäß der Richtlinie 2014/53/EU

Testberichte und Konformitätserklärung können unter folgendem Link eingesehen werden: <https://www.inateck.com/de/inateck-BCST-52-black.html>