



SKU: BCS-01

Type: Laser

Barcode Scanner

User Manual

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Restore Custom defaults

General Settings

Keys Trigger *	Continuous Mode
Auto-sense-OFF	Auto-sense-ON(optional)
Turn on all sounds*	Turn off all sounds
Low volume	High volume *
CR *	LF
Tab	CR+LF
None	
Swap capital/lowercase	All lowercase
All capital	Don't convert *
Duplicate detection-OFF* (upload duplicate barcode)	Duplicate detection-ON (Unable to upload duplicate barcode)

Barcode Parameter Settings

UPCA

 UPCA-ON*	 UPCA-OFF
Check Digit: UPCA data is 12 bits, the 12th bit is the check digit, Default output.	
 Output UPCA check digit-ON*	 Output UPCA check digit-OFF
System character: The first digit of UPCA, Default output.	
 Output UPCA system character-ON*	 Output UPCA system character-OFF
UPCA to EAN13 UPCA to EAN13 by adding a "0" in front of it, and the type is converted to EAN13.	
 UPCA to EAN13-ON	 UPCA to EAN13-OFF*

UPCE

 UPCE-ON*	 UPCE-OFF
Check Digit: UPCE data is 8 bits, the eighth bit is the check digit, Default output.	
 Output UPCE check digit-ON*	 Output UPCE check digit-OFF
System character: The first digit of UPCE, Default output.	
 Output UPCE system character-ON*	 Output UPCE system character-OFF
UPCE to UPCA UPCE can be extended to UPCA, and the type is converted to EAN13.	
 UPCE to UPCA-ON	 UPCE to UPCA-OFF*

EAN13

	
EAN13-ON*	EAN13-OFF
Check Digit: EAN13 data is 13 bits, the 13th bit is the check digit, Default output.	
	
Output EAN13 check digit-ON*	Output EAN13 check digit-OFF
	
Output EAN13 country code-ON*	Output EAN13 country code-OFF*
EAN13 to ISSN/ISBN	
The 977 header is used for ISSN and 978 for ISBN.	
	
EAN13 to ISSN-ON	EAN13 to ISSN-OFF*
Set ON, the "977" before the barcode is deleted, and the type is converted to ISSN.	
	
EAN13 to ISBN-ON	EAN13 to ISBN-OFF*
Set ON, the "978" before the barcode is deleted, and the type is converted to ISBN.	

EAN8

	
EAN8-ON*	EAN8-OFF
Check Digit: EAN8 data is 8 bits, the eighth bit is the check digit, Default output.	
	
Output EAN8 check digit-ON*	Output EAN8 check digit-OFF
	
Output EAN8 country code-ON*	Output EAN8 country code-OFF

UPC&EAN Extra code

		
UPC/EAN extra-code-OFF*	UPC/EAN 2 Extra-code	UPC/EAN 5 Extra-code
		
UPC/EAN 2/5 Extra-code	UPC/EAN Must have 2/5 Extra-code	

Code39

	
Code39-ON*	Code39-OFF
	
Full-ASCII-OFF*	Full-ASCII-ON
Code39 data can include all ASCII characters, Set ON to read full ASCII characters.	
	
Output Code39 Start/Stop character-OFF*	Output Code39 Start/Stop character-ON
Character * as the Start/Stop character of code 39.	

Code32

Code32 is extended by Code39, When Code32 is enabled, Code39 that complies with Code32 rules will also be output as Code32 first.	
	
Code32-OFF*	Code32-ON
	
Output Code32 check digit-OFF	Output Code32 check digit-ON*
	
Output Code32 Prefix A -OFF	Output Code32 Prefix A -On*

Code128

	
Code128-ON*	Code128-OFF

Code93

	
Code93-ON*	Code93-OFF

Code11

 Code11-ON	 Code11-OFF*
Code11 check digit Code11 barcode data contains check digit, which can be the last 1 (C check) or 2 (CK check) characters of the data.	
 Code11 No check*	 Code11 C/CK check
 Code11 C check	 Code11 CK check
C check: One character check, CK check: Two characters check. No check: Code11 Without check, all check digit will be output. C/CK check: Code11 Automatic C / CK check, all check digits are not output. C check: Code11 perform C check, Do not output 1 check digit, At the same time, the scanner reads only the Code11 by C check. CK check: Code11 perform CK check, Do not output 2 check digits, At the same time, the scanner reads only the Code11 by CK check.	

Codabar

 Codabar-ON*	 Codabar-OFF
CODABAR Start/Stop character Codabar Start/Stop characters are not output by default, When editing the Codabar, you can select the A,B,C,D characters as the Start/Stop characters.	
 Output Codabar Start/Stop character -OFF*	 Output Codabar Start/Stop character -ON
 Output Start/Stop character - allow 1	 Output Start/Stop character - allow 2
allow 1: Start/stop characters are converted from uppercase to lowercase. allow 2: Start characters are converted from uppercase to lowercase, Stop characters changes as follows: A to t, B to n, C to *, D to e.	

Industrial 2 of 5

 Industrial 2 of 5 -ON*	 Industrial 2 of 5 -OFF
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Interleaved 2 of 5

 Interleaved 2 of 5-ON*	 Interleaved 2 of 5-OFF
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MSI

 MSI -ON	 MSI -OFF*
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Pharmacode

 Pharmacode -ON	 Pharmacode -OFF*
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GS1

Contains:GS1 Data Bar, GS1 Data Bar Limited, GS1 Data Bar Expanded.	
 GS1-ON	 GS1-OFF*
GS1 Data Bar check digit GS1 Data Bar : The last bit is check digit.	
 Output GS1 Data Bar check digit -OFF*	 Output GS1 Data Bar check digit -ON
GS1 Data Bar Limited check digit GS1 Data Bar Limited : The last bit is check digit.	
 Output GS1 Limited check digit -OFF*	 Output GS1 Limited check digit -ON

Data editing

Only some product support specified code setting function

 Insert Characters	 Delete characters	
Barcode types(Barcode data: 068000-068018)		
 All barcode types	 UPCE	 UPCA
 EAN8	 EAN13	 ISBN/ISSN
 Code39	 Code128	 Code93
 Codabar	 Interleaved 2 of 5	 industrial 2 of 5
 MSI	 Code11	 China post
 GS1D	 GS1L	 GS1E
 Code32	Do not scan = All barcode types.	
Set save location (Barcode data: 068100-068107) (Different group Settings can take effect at the same time)		
 Group 1	 Group 2	 Group 3
 Group 4	 Group 5	 Group 6
 Group 7	 Group 8	Do not scan = Group 1
Edit location		
 Before barcode	From which place to start? Setup by barcode in "ASCII Barcode Table".	 After barcode
Save to take effect		
 Save Settings	 Clear settings	

Example: Insert character

In the process of setting, scan the irrelevant barcode, the scanner will exit setting status.

Please scan in order 1,2,3, ...

Example: Code128=123456789



	Insert Ab before	Insert Cd from the third	Insert Ef after
1	 Insert Characters		
2	 All barcode types (Omit this step, default all barcode types)		
3	 Group 1 (Omit this step, default Group 1)		
4	 Before barcode	 003 ETX	 After barcode
5	 065 A	 067 C	 069 E
6	 098 b	 100 d	 102 f
	Each group can insert within 10 characters		
7	 Save Settings		
Setup result			
Ab123456789		123Cd456789	123456789Ef
Clear insert character setting, Please scan in order 1,2.		 1, Insert Characters	 2, Clear settings

1, set different bar code type, make this setting to this kind of barcode is effective.

2, set different group, make different Settings take effect at the same time

Example: Delete character

In the process of setting, scan the irrelevant barcode, the scanner will exit setting status.

Please scan in order 1,2,3, ...

Example: Code128=123456789



	Delete 1 bit before	Delete 3 bit from the third	Delete 3 bit after
1	 Delete characters		
2	 All barcode types (Omit this step, default all barcode types)		
3	 Group 1 (Omit this step, default Group 1)		
4	 Before barcode	 003 ETX	 After barcode
5	 001 SOH	 002 STX	 003 ETX
6	 Save Settings		
Setup result			
23456789		1236789	123456
Clear delete character setting, Please scan in order 1,2.		 1, Delete characters	 2, Clear settings

1, set different bar code type, make this setting to this kind of bar code is effective.

2, set different group, make different Settings take effect at the same time.

Appendix 1: CODE ID

 Send ID-OFF *		 Send ID-ON	
Barcode type	Barcode ID	ON/OFF default	Minimum digits
UPCA	b	ON	No
UPCE	c	ON	No
EAN13	e	ON	No
EAN8	d	ON	No
ISBN,ISSN	f	OFF	No
Code39	a	ON	1
Code32	C	OFF	No
Code128	g	ON	2
Code11	M	OFF	4
Code93	h	ON	1
Codabar	k	ON	4
交叉25码	i	ON	4
工业25码	j	ON	4
Pharmacode	P	OFF	2
MSI	I	OFF	4
GS1D	D	OFF	No
GS1L	L	OFF	No
GS1E	E	OFF	No

Appendix 2: ASCII Barcode Table

 000 NUL/SP	 001 SOH	 002 STX
 003 ETX	 004 EOT	 005 ENQ
 006 ACK	 007 BEL	 008 Back Space
 009 HT/TAB	 010 LF	 011 VT
 012 FF	 013 CR/ENTER	 014 SO
 015 SI	 016 DLE	 017 DC1
 018 DC2	 019 DC3	 020 DC4
 021 NAK	 022 SYN	 023 ETB
 024 CAN	 025 EM	 026 SUB
 027 ESC	 028 FS	 029 GS
 030 RS	 031 US	 032 SP
 033 !	 034 "	 035 #
 036 \$	 037 %	 038 &

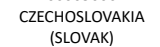
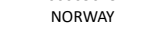
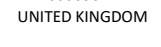
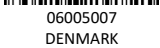
 039 '	 040 (	 041)
 042 *	 043 +	 044 ,
 045 -	 046 .	 047 /
 048 0	 049 1	 050 2
 051 3	 052 4	 053 5
 054 6	 055 7	 056 8
 057 9	 058 :	 059 ;
 060 <	 061 =	 062 >
 063 ?	 064 @	 065 A
 066 B	 067 C	 068 D
 069 E	 070 F	 071 G
 072 H	 073 I	 074 J
 075 K	 076 L	 077 M

 078 N	 079 O	 080 P
 081 Q	 082 R	 083 S
 084 T	 085 U	 086 V
 087 W	 088 X	 089 Y
 090 Z	 091 [	 092 \
 093]	 094 ^	 095 _
 096 `	 097 a	 098 b
 099 c	 100 d	 101 e
 102 f	 103 g	 104 h
 105 i	 106 j	 107 k
 108 l	 109 m	 110 n
 111 o	 112 p	 113 q
 114 r	 115 s	 116 t

 117 u	 118 v	 119 w
 120 x	 121 y	 122 z
 123 {	 124	 125 }
 126 ~	 127 DEL	 128 F1
 129 F2	 130 F3	 131 F4
 132 F5	 133 F6	 134 F7
 135 F8	 136 F9	 137 F10
 138 F11	 139 F12	 140 I_Shift on
 141 I_Shift off	 142 r_Shift on	 143 r_Shift off
 144 I_Alt on	 145 I_Alt off	 146 r_Alt on
 147 r_Alt off	 148 I_Ctrl on	 149 I_Ctrl off
 150 r_Ctrl on	 151 r_Ctrl off	 152 /(KP)
 153 *(KP)	 154 -(KP)	 155 +(KP)

 156 _(KP)	 157 Enter(KP)	 158 0(KP)
 159 1(KP)	 160 2(KP)	 161 3(KP)
 162 4(KP)	 163 5(KP)	 164 6(KP)
 165 7(KP)	 166 8(KP)	 167 9(KP)
 168 Inert	 169 Delete	 170 Home
 171 End	 172 Page Up	 173 Page Down
 174 Up	 175 Down	 176 Left
 177 Right	 178 Center	 179 Insert
 180 Delete	 181 Home	 182 End
 183 Page Up	 184 Page Down	 185 Up
 186 Down	 187 Left	 188 Right
 189	 190 Num Lock	 191 caps lock
 192 scroll lock		

Appendix 3: Language

 06005000 UNITED STATES	 06005009 FRANCE	 06005018 SERBIA/YUGOSLAVIA
 06005001 BELGIUM	 06005010 GERMANY	 06005019 SLOVENIA
 06005002 BRAZIL	 06005011 HUNGARY	 06005020 SPAIN
 06005003 CANADIAN-FRENCH	 06005012 ITALY	 06005021 SWEDEN
 06005004 CROATIA	 06005013 LATIN AMERICA	 06005022 SWITZERLAND (FRENCH)
 06005005 CZECHOSLOVAKIA (CZECH)	 06005014 NETHERLANDS	 06005023 SWITZERLAND (GERMAN)
 06005006 CZECHOSLOVAKIA (SLOVAK)	 06005015 NORWAY	 06005024 UNITED KINGDOM
 06005007 DENMARK	 06005016 POLAND	 06005025 UNIVERSAL
 06005008 FINLAND	 06005017 PORTUGAL	

Frequently ask question

The bar codes in the user manual are for programming, please don't scan them arbitrarily when no need, otherwise may affect the normal use of the product.

Please try to scan "Restore defaults" bar code in the user manual for a try if the scanner cannot use normally; if problem still not resolve, please try following methods.

Problem 1:

the scanner doesn't have electricity to start on.

Reason:

1. the cable interface loosed, please fixed connection interface.
2. the computer front USB port power supply shortage, please replace the computer interface or change another to try.
3. used the incorrect cables, please use the original cable which the factory is equipped with
4. cable fault, please send back to the factory repair.

Problem 2:

the scanner has laser, but can't read the barcode.

Reason:

1. barcode has flawed, and try to scan the same type barcodes for testing again.
2. the scanning mode is not correct, scanning laser need to completely cover the barcode, if still can't read, please adjust the scanning distance and Angle, the scanner can't read the barcode at 90° angle.
3. the scanner did not open the corresponding code system, it has to scan the barcode after open the corresponding code system.

Problem 3:

the scanner has laser and it can read barcode, but can't upload the data

Reason:

1. The scanner has set up the incorrect output mode, please set the correct output mode refer to the manual.
2. the cable transmission failure, please replace the cable.

Problem 4:

the scanner has laser and it can read barcode. but it uploads the wrong decoding barcode.

Reason: the keyboard layout of the scanner is different with the country you used, please use the scanner to read the keyboard settings on the manual.

If you have any question or concern about the operation of the scanner, please contact us!

SKU: BCS-01

Producer: Dotmedia ltd

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Declaration for EU Hereby, Dotmedia ltd declares that the radio equipment type BCS-01 is in compliance with Directive 2014/30/EU, the full text of the EU declaration of conformity is available at the following internet address: <https://www.dot-media.gr/el/>



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