# **Barcode Scanner**

# User Manual

51,61 DW/DM/DB-V3.0

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If the scanner does not work or buzzer rang "Di-Di-Di-Di-Di,", please stop using the scanner and charging it immediately.

### **Restore Defaults**

Scanner default setting 2.4G/433M mode, use via USB receiver.

Bluetooth scanner use via bluetooth pairing.

If the scanner does not work properly, Please scan the code"Restore Defaults"



## Matching Operation(2.4G/433M Mode)

The scanner with the USB receiver has been paired by default, plug the U SB receiver in, and then scan the code "2.4G/433M mode" to use it. If need to re-pair, please unplug the USB receiver and plug it again , scan s equentially the code "2.4G/433M mode" and " Match" in 20 seconds.



2.4G/433M Mode



# Matching Operation(Bluetooth Mode)

### Only to Bluetooth-enabled products

- 1. Press the button, the buzzer rang ,the scanner starts.
- 2. Scan the "Bluetooth Mode" barcode.
- 3. Enable bluetooth function on your device till find out"Scanner xxx", and click it to begin bluetooth pairing. Wait a few seconds, the buzzer rang " Di--Di", which means bluetooth pairing is successful.

4. Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.



#### Bluetooth Mode



#### Working Mode

#### Instant upload Mode

Instant upload data to your computer.



Instant upload Mode

(1) Upload successful: The status light flashed and the buzzer rang "Di".

(2) Upload failed: The red light flashed and the buzzer rang " Di---en".

If you receive upload-failed, Please confirm the match is successful.

If you receive upload-successful but no data, Please confirm the dongle in USB-HID mode.

#### Storage Mode

Scan and store barcode inside the scanner, and uploaded the data to your computer when you need it.



Storage Mode

Note: Instant upload mode and storage mode, the sound of reading barcode is different.



- 1. Save successful: The status light flashed and the buzzer rang " Di-en ".
- Save failed: The red light flashed and the buzzer range "Di---en", This indicates that there was not enough memory to save the bar code. Please upload the saved bar code by scanning "Upload Date" and then clear the Memory by scanning "Zero cleaning".
- 3. Upload completed: the buzzer rang " Di-do-en ".

#### **Transmission Speed**

Set the delay between each character, the range of 00-99 can be set. the larger the value, the slower.

	850 2555 1255	
No delay	HID-speed 5	HID-speed 10
■250 1936 (19 1930 (1997)		
HID-speed 15	HID-speed 20	HID-speed 30
■# ₩25.55 ■:555	0%0 54255 0.555	
HID-speed 40	HID-speed 50	HID-speed 60
1. In 2.4G or 433M mode, this parameter is stored in the dongle and defaults is "No		
delay". When there is no matching dongle, scanning this setting code is invalid.		
<ol> <li>In Bluetooth mode, this parameter is stored in the scanner, the default is "HID-speed 30".</li> </ol>		
3. In Bluetooth mode. If the data is lost, please set a slower HID speed.		

### Trigger Mode



#### **Power and Standby**



Battery Reserve (show battery level)



#### **Buzzer Setup**

문양의 구분(조 El 사용 Turn off all sounds	High volume *
Low volume	Medium volume

#### **End Character**



#### **Capital & Lowercase**



#### Duplicate barcode upload Setup

For a period of time, the same barcode is not allowed to be read continuously to avoid repeated upload.

- 12 10 - 12 10 - 12 10 - 12 10 - 12 10 - 12 10 - 12 10 10 10 10 10 10 10 10 10 10 10 10 10
Duplicate detection-OFF*
(upload duplicate barcode)



Duplicate detection-ON (Unable to upload duplicate barcode)

# **Barcode Parameter Settings**

■ 井田 文字 ■ 井公 1D CODE(ON)	1D CODE(OFF)
2D CODE(ON)	2D CODE(OFF)
日本日 地域会社 日本公式 1D Reverse Code (ON)	QR Reverse Code (ON)
미경도 바람과 2 미 전 산 DM Reverse Code (ON)	PDF417 Reverse Code(ON)
日存日 多学力 日外述 UPC-A(ON)	日茶日 サビネク 日本記 UPC-A(OFF)
UPC-A Check Bit (ON)	UPC-A Check Bit(OFF)
UPC-E(ON)	■ With WPC-E(OFF)

■茶■ 窓また ■予設 UPC-e Check Bit(ON)	미 밝힌 관련되다 민준-e Check Bit(OFF)
UPC-E toUPC-A(ON)	UPC-E to UPC-A(OFF)
UPC-A to EAN-13(ON)	UPC-A to EAN-13(OFF)
日秋日 HFはか 日本公室 EAN-8(ON)	EAN-8(OFF)
国 (1) (1) (1) (1) (1) (1) (1) (1)	EAN-13(OFF)
CODE 128(ON)	CODE 128(OFF)
■決日 公式会社 ■ 予約2 GS1-128(ON)	651-128(OFF)

■茶■ ※(よう) ■ #32 ISBT-128(ON)	ISBT-128(OFF)
Interleaved 2 of5(ON)	Interleaved 2 of5(OFF)
Matrix 2 of 5(ON)	Matrix 2 of 5(OFF)
■済 - - - - - - - - - -	CODE 39(OFF)
Code39 Check Bit(ON)	Code39 Check Bit(OFF)
Code 39Full ASCII(ON)	Code39Full ASCII(OFF)
CODE 32(ON)	CODE 32(OFF)

回来日 1空かれ 回記332 CODE 93(ON)	回表目 決算が 日子93 CODE 93(OFF)
■第回 12年合 ■:1332 CODE 11(ON)	CODE 11(OFF)
日安日 総部合 日本語 CODABAR(ON)	CODABAR(OFF)
PLESSEY(ON)	PLESSEY(OFF)
이 있는 YEA # 2 이 고 22 Industrial 2 of S(ON)	Industrial 2 of S(OFF)
STERN SPENN SECON	■ 2 ■ NSI(OFF)
■ K State ITF14(ON)	ITF14(OFF)

QR CODE(ON)	QR CODE(OFF)
이가 	Data Matrix(OFF)
日社 PDF417(ON)	■ <b>秋</b> ■ 文学 45 ■ 第22 PDF417(OFF)
Aztec code(ON)	■ 菜■ 地学会会 ■ 含約2 Aztec code(OFF)
Maxi code(ON)	Maxi code(OFF)
GS1-Databar(ON)	GS1-Databar(OFF)
■ 121 121 121 121 121 121 121 12	Brazilian Bank code(OFF)

### Data Editing



		Do not scan = All barcode
	o <u>s</u> o	types.
	570 100	
@08021@	@08023@	
Vrei Code	Matrix 2 of 5	
Set save lo	cation (Barcode data: 0681	.00-068107)
(Different gro	up Settings can take effect at t	he same time)
国務国	838 775	
回線を		
@08100@ Group 1	@08101@ Group 2	@08102@ Group 3
	निर्दान	
	100 C	
<b>018103</b> @	<b>018104</b> 0	@18105@
Group 4	Group 5	Group 6
∎8∎	exe	Do not scan = Group 1
	140 A	
@08106@	@08107@	
Group 7	Group 8	
	Edit location	1
	From which place to start?	
	Setup by barcode in	
Before barcode	"ASCII Barcode Table".	After barcode
Save to take effect		
• <u></u> \$0		020
25532		99%59 11369
Save Settings		Clear settings
		5

#### 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		
3	Comit this step, default Group 1		
4	Before barcode	003 ETX	After barcode
5	065 A	● 5 ■ ● 5 ■ ● 5 ■ 6 ● 6 9 ● 6 7 0 6 7 C	€ € @99659@ 069 E
Each group can insert within 10 characters			
6	Save 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	evenone All barcode types		
	(Omit	this step, default all barcode	types)
3	Comit this stop default Group 1		
4	Before barcode	003 ETX	After barcode
5	001 SOH	002 STX	003 ETX
6		Save 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			
@01400@ Send ID-OFF *	@01401@ Send ID-ON		
Barcode ID	Barcode type		
а	UPC-A,UPC-E,EAN-8,EAN-13		
b	Code 39, Code 32		
c	Codabar		
d	Code 128		
е	Code 93		
f	Interleaved 2 of 5, ITF-14		
g	Industrial 2 of 5,Standard 2 of 5		
h	CODE11		
i	MSI, MSI/Plessey		
j	UCC/EAN-128/GS1-128		
k	Bookland EAN/ISBN ,ISSN		
n	GS1DataBar-14,		
р	PDF417		
q	Data Matrix(DM)		
r	QR		
S	Aztec Code		
t	Maxi Code		
u	Veri Code		
w	Matrix 2 of 5		

Appendix 2: ASCII Barcode Table		
@09000@	@09001@ 001 SOH	@09002@ 002 STX
000 NOL/SP	001 30H	002 317
@09003@ 003 ETX	@09004@ 004 EOT	005 ENQ
880 200-20	850 375	850 2007-20
<u>1</u> 222		
006 ACK	007 BEL	008 Back Space
自然教	i ka	
009009@ 009 HT/TAB	@09010@ 010 IF	@09011@ 011 VT
888 1975 - 19		■# 105.49
		<u> </u>
012 FF	013 CR/ENTER	014 SO
		845 1955
0339	<b>1</b> 259	
015 SI	016 DLE	017 DC1
■ <b>5</b> ■ 874.555	880 992-59	
	<u> 1250</u>	
018 DC2	019 DC3	020 DC4
■## ##3:53	■# 2014-03	
<b>1</b>		
021 NAK	@09022@ 022 SYN	023 ETB

	*	
		<b>E KE</b>
<b>前</b> 影物	1 11 11 11 11 11 11 11 11 11 11 11 11 1	
@09024@	@09025@	@09026@
024 CAN	025 EM	026 SUB
024 CAN	023 LIVI	020 300
		E E E E
1 ñ\$\$	1 11 11 11 11 11 11 11 11 11 11 11 11 1	
@09027@	@09028@	@09029@
007 580	029 55	020 05
027 E30	020 F3	029 65
借係務	- 888	日本にある
0000300	0000310	
@09030@	@03031@	@09032@
030 RS	031 US	032 SP
	I ISV	
@09033@	@09034@	@09035@
033 !	034 "	035 #
	- 155Q	
		<b>≣</b> 46%
@09036@	@09037@	@09038@
036 \$	037 %	038 &
<u>75,588</u>	I 2223	2222Q
回認及	■232	■2329
@09039@	@09040@	@09041@
039 '	040 (	041)
		, ,
<u> </u>		
2000	- <u>555</u> 2	- <u> </u>
	E232	<b>B</b> AC
@09042@	@09043@	@09044@
042 *	043 +	044 ,
		, í
		∎5∎
<u> </u>	<u> 1208</u>	<u> 2702</u>
0.539		
@09045@	@09046@	@09047@
045 -	046 .	047 /
1	1	1

@09048@ 048 0	@09049@ 049 1	@09050@ 050 2
	0 <u>8</u> 0	<u>.</u>
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@09051@ 051 3	@09052@ 052 4	@09053@ 053 5
001 0	032 4	000 0
	<b>0</b> 50	<b>■</b> # <b>■</b>
@09054@ 054 6	@09055@ 055 7	@09056@ 056 8
004 0		
i in the second s		
@09057@ 057 9	@09058@ 058 ·	@09059@ 059 ·
007 5		, ,
@09060@ 060 <	@09061@ 061 =	@09062@ 062 >
		i i i i i i i i i i i i i i i i i i i
@09063@ 063 ?	064 Ø	@09065@ 065 A
	■ <b>5</b> ■ H-3/50	
@09066@ 066 B	067 C	068 D
		i internet i se
@09069@ E	070 F	071 G

012 152 009072@ 072 H	■5日 神子 ●於 @99073@ 073 Ⅰ	□11 275 □220 @99074@ 074 J
■5 75 20075@ 00075@ 075 K	@9975@ 076 L	■# ₩ ■ © © © 00077@ 077 M
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081 Q	082 R	083 S
© 5 2 00004@ 084 T	● <b>*</b> ● ● ● ● 99985@ 085 U	086 V
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090 Z	091 [	092 \
093 ]	094 ^	■ <b>5</b> ■ 25:36 @09095@ 095 _

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	言語家	
E 167365		回运经
@00109@	0001000	0001100
@09109@	@09109@	@09110@
400 1	100 m	110 m
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C 45 C	C345(C3)	
MAX.59	3651.59	72 7 50
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1		
1 Test 2003	1 2020-2020	200 <u>2</u> 282
	14-0.00	
		i ngang i
回転報		
@09117@	@09118@	@09119@
@09117@	@09118@	@09119@
@09117@ 117 u	@0118@ 118 v	■ <b>25</b> @09119@ 119 w
L⊒£714 @09117@ 117 u	©09118@ 118 v	■ @09119@ 119 w
©09117@ 117 u	@09118@ 118 v	回路 @09119@ 119 w

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<b>≣%</b> 2)	ା ଲଙ୍କର	
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123 5	124	125 \
120 1	124	120 }
		जि से जि
	티 문화물	- 문화문
<u>863</u> 663		<u> </u>
I II.39	I ■269	III 18798
@09126@	@00127@	001280
6001206	(WASITING	(400120W
126 ~	127 DEL	128 F1
4753	1 12 KS	
国語の	回認知	国彩列
@09129@	@09130@	@09131@
400 50		
129 F2	130 F3	131 F4
6:57-59	537.59	267.59
	<b>63</b> 55	
□ 75-92 □ 75-92	E 22-97	E175-97
@09132@	@09133@	@09134@
122 E5	122 E6	124 57
132 F3	133 F0	134 F7
	81 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 -	850 1955
@ [3 @ MC	■ 351 351 153 0091360	@09137@
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@130 @09135@ 135 F8	<ul> <li>136</li> <li>第9</li> </ul>	■11 ■15 @09137@ 137 F10
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■13 ●259 @09135@ 135 F8	■ *51 *51 © *55 © * * * * * * * * * * * * *	<ul> <li>● は ●</li> <li>● ようり</li> <li>● のります@</li> <li>● 137 F10</li> </ul>
0/50 0/52 0/1350 135 F8 0/50	■ *5 *5 *5 *5 *5 *5 *5 *5 *5 *5	● 後日 後日 (1) (1) (1) (1) (1) (1) (1) (1)
0150 00523 0253 000136 000136 135 F8 0150 0150 0150	0150 955 55 0255 0355 0001360 136 F9 036 F9	0150 0001570 0001570 137 F10
0/50 0/52 0/0/350 135 F8 0/50	日日 第1日 第1日 第1日 第1日 第1日 第1日 第1日 第	● 50 ● 25 009137@ 137 F10
0150 00525 0159 000136 135 F8 0150 0150 0150 0150 0150	136 F9	137 F10
0091350 0091350 135 F8	(1)     (1)     (2)     (	0110 009137@ 137 F10
1135 F8	(1)     (1)     (2)     (	140 0091370 0091370 137 F10 0091400 00000 0000
0091350 0091350 135 F8 0091350 0091350 0091350 0091380 00000000000000000000000000000000000	0130 01350 001360 136 F9 0136 0130 01300 139 F12	(137 F10
0/50 000520 0001358 135 F8 055 0001388 0001388 138 F11	everisee 136 F9 136 F9 139 F12	140 L_Shift on
0091350 0091350 135 F8 0150 0091350 00000000000000000000000000000000000	(13)     (13)     (13)     (13)     (13)     (13)     (13)     (13)     (13)     (13)	140 L_Shift on
0450 000350 0001350 135 F8 0450 0450 0001380 138 F11	(10)      (10)     (10)	137 F10 001170 137 F10 001400 140 L_Shift on
0091350 0091350 135 F8 0091350 0091300 0091300 0091300 0091300 0091300 0091300 0091300 0000000000	136 F9 136 F9 137 F9 138 F9 138 F9 139 F12 139 F12	(137 F10
0150 0000 0150 0001350 135 F8 0150 0001380 138 F11 0150 0001380 138 F11	001390 136 F9 136 F9 139 F12	137 F10 009137@ 137 F10 009140@ 140 L_Shift on
135 F8 135 F8 135 F8 138 F11 138 F11	130 001350 001350 136 F9 136 F9 139 139 F12 139 139 139	137 F10 009147@ 009147@ 140 L_Shift on 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0150 0157 0150 0157
0150 0000 0150 0001350 135 F8 0150 0001380 138 F11 0150 0001410	(13)     (13)	137 F10     137 F10     137     140     1_Shift on     140     1_Shift on
0/10 0/20 0/35 135 F8 0/10 0/350 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300 0/300000000	(1)     (	137 F10 009137@ 137 F10 009140@ 140 L_Shift on 0140 015 0140 0140 0140 0140 015 015 015 015 015 015 015 01
(11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)     (11)	(136 F9     (136 F9     (136 F9     (137 F12     (139 F12     (13	137 F10 137 F10 137 F10 140 L_Shift on 009143@ 000000000000000000000000000000000000
(19)     (10)	(130     (136      (136	140 L_Shift off

144 LAlt on	@09145@ 145  _Alt off	● 5 ■ 7
- 8-9-53 8-9-53 8-9-53 8-9-147@	- 946.37 846.27 809148@	- - 
147 r_Alt off	148 I_Ctrl on	149 I_Ctrl off
etter econtsoe 150 r_Ctrl on	evisie eovisie 151 r_Ctrl off	@09152@ 152 /(KP)
©09153@ 153 *(KP)	@09154@ @09154@ 154 -(KP)	ette 302 ext ext ext ext ext ext ext ext ext ext
@09156@ 809156@ 156 _(KP)	■ 3 3 3 3 3 3 3 3 3 5 7 8 9 9 9 157 Enter(KP)	009158@ 158 0(KP)
■ 5 15 @09159@ 159 1(KP)	000160@ 600160@ 160 2(KP)	009161@ 009161@ 161 3(KP)
162 4(KP)	@09163@ 800163@ 163 5(KP)	€∰ ■ ©09164@ 164 6(KP)
entropy expension econtese 165 7(KP)	009166@ 166 8(KP)	日代日 注意 日子記 609157 809157

@09168@	@09169@	@09170@
168 Inert	169 Delete	170 Home
@09171@	@09172@	@09173@ 172 Daga Dawn
171 Ella	172 Page Op	175 Page Down
		i iza
@09174@	@09175@	@09176@
174 Up	175 Down	176 Left
@09177@	@09178@	@09179@
177 Right	178 Center	179 Insert
		i i i i i i i i i i i i i i i i i i i
@09180@	@09181@	@09182@
180 Delete	181 Home	182 End
	050	<u> </u>
	1 i i i i i i i i i i i i i i i i i i i	75622
@09183@	@09184@	@09185@
183 Page Up	184 Page Down	185 Up
@09186@	@09187@	@09188@
186 Down	187 Left	188 Right
@09189@	@09190@	@09191@
189	190 Num Lock	191 caps lock
0 5 1 1		
192 scroll lock		

# Appendix 3: Language

■ <b>5</b> ■ 10 = 10 ±	■ <b>3</b> 0 535.3		
@0005000@	00005009@	@0005018@	
UNITED STATES	FRANCE	SERBIA/YUGOSLAVIA	
RACE OF			
@0005001@ BELGIUM	@0005010@ GERMANY	@0005019@ SLOVENIA	
@0005002@	@0005011@	@0005020@	
BRAZIL	HUNGARY	SPAIN	
8 <b>5</b> 8 7 20 5 5	■20 7407-27	■ <b>5</b> 7 2	
@0005003@	■### @0005012@	@0005021@	
CANADIAN-FRENCH	ITALY	SWEDEN	
		<b>.</b>	
CROATIA	LATIN AMERICA	SWITZERLAND (FRENCH)	
		2015 CO 101 CO	
@0005005@ CZECHOSLOVAKIA	@0005014@	@0005023@ SWITZERLAND (GERMAN)	
(CZECH)	NETTEREARDS	SWITZEREARD (GERMAN)	
		■5 730	
@0005006@	@0005015@	@0005024@	
CZECHOSLOVAKIA	NORWAY	UNITED KINGDOM	
	2005 11:50		
@0005007@ DENMARK	@0005016@ POLAND	@0005025@	
		UNIVERSAL	
@0005008@	@0005017@		
FINLAND	PORTUGAL		