

# **Barcode Scanner**

## **Manual Guide**

## General Settings



Factory Default



Tab



CR



NONE



LF+CR



CR+CR



Trigger Mode



Continue Scan Mode



Auto Sense Mode



Normal Letter Case



All lowercase



All uppercase

## Buzzer Setup

Only scan “Factory Default” (on page 1) can open sound under “Volume Off” mode



High volume -Default



Medium volume



Low volume



Volume Off

## Invoice Function



ON



OFF

## Interface setup



USB KBW



USB COM



TTL 232-9600, NO, 8, 1 -Default

## Serial Port Setup



1200bps



2400bps



4800bps



9600bps



19200bps



38400bps



57600bps



115200bps



Odd



Even



None



1 Stop Bit



2 Stop Bit

## Language



American Keyboard



Germany



France



Sweden



Belgium



Finland



Russia



Turkey\_Q



Portugal



Norway



England



Denmark



Spain



Italy



Japan

## Output Interval of The Same Code

In continuous mode and automatic induction mode



None



Delay 1s



Delay 3s



Delay 5s



Delay 7s



Delay forever

## Hide the front characters



Hide the front characters

**The first:** Scan the set-up code “ON”.

**The second step:** Scan “Hide the front characters”.

**The third step:** Scan the number setting code corresponding to the character on page 18 (each character is 3 digits).

**E.g.** The bar code content is "123456789" , if you want to hide the previous two characters, then scan "0","0","2" settings code on page 18, then two front characters will be hidden when scanning this bar code,"3456789" will be shown.

## Hide the behind characters



Hide the behind characters

**The first:** Scan the set-up code “ON”.

**The second step:** Scan “Hide the behind characters”.

**The third step:** Scan the number setting code corresponding to the character on page 18 (each character is 3 digits).

**E.g.** The bar code content is "123456789" , If you want to hide the last two characters, then scan "0" and "0" and "2" settings code on page 18, then the last two characters will be hidden when scanning this bar code, "1234567"will be shown.

## Add Prefix/Suffix



Add Prefix



Add Suffix



Finish Setting



Output Setting

**The first:** Scan the set-up code “**Add Suffix**” .

**The second step:** Scan the required character code.

Refer to Appendix 1 and Appendix 3.

**The third step:** Scan “**Finish Setting**”.

**The fourth step:** Scan “**Output Setting**”.

**E.g.** The bar code content is "123456789", If you want to add B and 1 behind the bar code, scan "1", "0", "6","6","1", "0", "4","9" in Appendix1 on page 18( In Appendix 3,B is 1066; In Appendix 3,1 is 1049), "123456789B1" will be shown.

For details, **Appendix 1** and **Appendix 3**

## Appendix 1: Numbered bar code



0



1



2



3



4



5



6



7



8



9

## Appendix 2: Character comparison table

| Scan Value | HEX Value | Keyboard Function | Keyboard Ctrl |
|------------|-----------|-------------------|---------------|
| 1000       | 00h       | Null              | CTRL 2        |
| 1001       | 01h       | Keypad Enter      | CTRL A        |
| 1002       | 02h       | Caps lock         | CTRL B        |
| 1003       | 03h       | Right Arrow       | CTRL C        |
| 1004       | 04h       | Up Arrow          | CTRL D        |
| 1005       | 05h       | Null              | CTRL E        |
| 1006       | 06h       | Null              | CTRL F        |
| 1007       | 07h       | Enter             | CTRL G        |
| 1008       | 08h       | Left Arrow        | CTRL H        |
| 1009       | 09h       | Horizontal Tab    | CTRL I        |
| 1010       | 0Ah       | Down Arrow        | CTRL J        |
| 1011       | 0Bh       | Vertical Tab      | CTRL K        |
| 1012       | 0Ch       | Backspace         | CTRL L        |
| 1013       | 0Dh       | Enter             | CTRL M        |
| 1014       | 0Eh       | Insert            | CTRL N        |
| 1015       | 0Fh       | Esc               | CTRL O        |
| 1016       | 10h       | F11               | CTRL P        |
| 1017       | 11h       | Home              | CTRL Q        |
| 1018       | 12h       | Print Screen      | CTRL R        |
| 1019       | 13h       | Delete            | CTRL S        |
| 1020       | 14h       | tab+shift         | CTRL T        |
| 1021       | 15h       | F12               | CTRL U        |
| 1022       | 16h       | F1                | CTRL V        |
| 1023       | 17h       | F2                | CTRL W        |
| 1024       | 18h       | F3                | CTRL X        |
| 1025       | 19h       | F4                | CTRL Y        |
| 1026       | 1Ah       | F5                | CTRL Z        |
| 1027       | 1Bh       | F6                | CTRL [        |
| 1028       | 1Ch       | F7                | CTRL \        |
| 1029       | 1Dh       | F8                | CTRL ]        |

|      |     |       |        |
|------|-----|-------|--------|
| 1030 | 1Eh | F9    | CTRL 6 |
| 1031 | 1Fh | F10   | CTRL - |
| 1032 | 20h | Space | Space  |
| 1033 | 21h | /A    | !      |
| 1034 | 22h | /B    | '      |
| 1035 | 23h | /C    | #      |
| 1036 | 24h | /D    | \$     |
| 1037 | 25h | /E    | %      |
| 1038 | 26h | /F    | &      |
| 1039 | 27h | /G    | '      |
| 1040 | 28h | /H    | (      |
| 1041 | 29h | /I    | )      |
| 1042 | 2Ah | /J    | *      |
| 1043 | 2Bh | /K    | +      |
| 1044 | 2Ch | /L    | ,      |
| 1045 | 2Dh | -     | -      |
| 1046 | 2Eh | .     | .      |
| 1047 | 2Fh | /     | /      |
| 1048 | 30h | 0     | 0      |
| 1049 | 31h | 1     | 1      |
| 1050 | 32h | 2     | 2      |
| 1051 | 33h | 3     | 3      |
| 1052 | 34h | 4     | 4      |
| 1053 | 35h | 5     | 5      |
| 1054 | 36h | 6     | 6      |
| 1055 | 37h | 7     | 7      |
| 1056 | 38h | 8     | 8      |
| 1057 | 39h | 9     | 9      |
| 1058 | 3Ah | /Z    | :      |
| 1059 | 3Bh | %F    | ;      |
| 1060 | 3Ch | %G    | <      |
| 1061 | 3Dh | %H    | =      |
| 1062 | 3Eh | %I    | >      |

|      |     |    |   |
|------|-----|----|---|
| 1063 | 3Fh | %J | ? |
| 1064 | 40h | %V | @ |
| 1065 | 41h | A  | A |
| 1066 | 42h | B  | B |
| 1067 | 43h | C  | C |
| 1068 | 44h | D  | D |
| 1069 | 45h | E  | E |
| 1070 | 46h | F  | F |
| 1071 | 47h | G  | G |
| 1072 | 48h | H  | H |
| 1073 | 49h | I  | I |
| 1074 | 4Ah | J  | J |
| 1075 | 4Bh | K  | K |
| 1076 | 4Ch | L  | L |
| 1077 | 4Dh | M  | M |
| 1078 | 4Eh | N  | N |
| 1079 | 4Fh | O  | O |
| 1080 | 50h | P  | P |
| 1081 | 51h | Q  | Q |
| 1082 | 52h | R  | R |
| 1083 | 53h | S  | S |
| 1084 | 54h | T  | T |
| 1085 | 55h | U  | U |
| 1086 | 56h | V  | V |
| 1087 | 57h | W  | W |
| 1088 | 58h | X  | X |
| 1089 | 59h | Y  | Y |
| 1090 | 5Ah | Z  | Z |
| 1091 | 5Bh | %K | [ |
| 1092 | 5Ch | %L | \ |
| 1093 | 5Dh | %M | ] |
| 1094 | 5Eh | %N | ^ |
| 1095 | 5Fh | %O |   |

|      |     |    |           |
|------|-----|----|-----------|
| 1096 | 60h | %W | `         |
| 1097 | 61h | +A | a         |
| 1098 | 62h | +B | b         |
| 1099 | 63h | +C | c         |
| 1100 | 64h | +D | d         |
| 1101 | 65h | +E | e         |
| 1102 | 66h | +F | f         |
| 1103 | 67h | +G | g         |
| 1104 | 68h | +H | h         |
| 1105 | 69h | +I | i         |
| 1106 | 6Ah | +J | j         |
| 1107 | 6Bh | +K | k         |
| 1108 | 6Ch | +L | l         |
| 1109 | 6Dh | +M | m         |
| 1110 | 6Eh | +N | n         |
| 1111 | 6Fh | +O | o         |
| 1112 | 70h | +P | p         |
| 1113 | 71h | +Q | q         |
| 1114 | 72h | +R | r         |
| 1115 | 73h | +S | s         |
| 1116 | 74h | +T | t         |
| 1117 | 75h | +U | u         |
| 1118 | 76h | +V | v         |
| 1119 | 77h | +W | w         |
| 1120 | 78h | +X | x         |
| 1121 | 79h | +Y | y         |
| 1122 | 7Ah | +Z | z         |
| 1123 | 7Bh | %P | {         |
| 1124 | 7Ch | %Q |           |
| 1125 | 7Dh | %R | }         |
| 1126 | 7Eh | %S | ~         |
| 1127 | 7Fh |    | Undefined |