

**WAI-6510 2D CMOS Desktop
Barcode Scanner V1.0**



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Restore Default Setting

Restore all attributes of the scanner to factory status



Enter Setting



Exit and Save

Customized setting

Save as customer default: After setting and saving the settings you want, you want to restore your saved settings.

Restore saved settings: Restore saved settings.



Enter Setting



Save as customer default



Restore saved settings



Exit and Save

System Setting

Standby - low fill light

When the scanner is in standby mode and exceeds the set standby time, set the fill light to low brightness.

The default standby time is 10000 ms, the maximum settable time is 3600000 MS, the minimum is 1000 ms, and the setting time is 0 to turn off the low fill light function.

The fill light is set to low brightness after standby for 3000 ms.

Scan "Enter Setting"

Scan "Read time" setting code

Scan **Appendix Decimal Digits** , "3" setting code;

Scan **Appendix Decimal Digits** , "0" setting code;

Scan **Appendix Decimal Digits** , "0" setting code;

Scan "Exit and Save".

Standby - Low Fill Light



Enter Setting



Exit and Save

Sleep - Light Up Off

Turn off the fill light when the scanner is in standby mode and exceeds the set sleep time.

When sleep is turned off by default, the maximum setting time is 3600000 ms and the minimum setting time is 1000ms. If the setting time is zero, the sleep function is turned off.

The fill light is set to low brightness after 60000ms standby

Scan "Enter Setting" ;

Scan "Read Time" setting code;

Scan **Appendix Decimal Digits** · "6" setting code;

Scan **Appendix Decimal Digits** · "0" setting code;

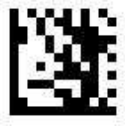
Scan **Appendix Decimal Digits** · "0" setting code;

Scan **Appendix Decimal Digits** · "0" setting code;

Scan **Appendix Decimal Digits** · "0" setting code;

Scan "Exit and Save".

Sleep - Turn Off the Light



Enter Setting



Exit and Save

Same Barcode Setting

When reading the same barcode within the set time, reading the barcode will ignore not output and re time the limit time to avoid repeated reading of the same barcode.

Within 300 ms, the same barcode will not be read again by default, and 0-5000ms can be set. 0 means no interval.

Do not output the same barcode read repeatedly within 100ms.

Scan "Enter Setting"

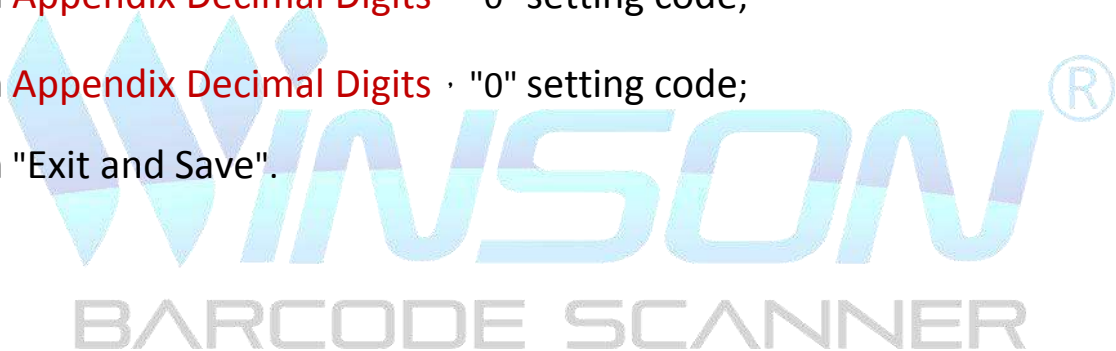
Scan "Read Time" setting code

Scan **Appendix Decimal Digits** · "1" setting code;

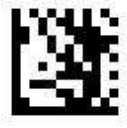
Scan **Appendix Decimal Digits** · "0" setting code;

Scan **Appendix Decimal Digits** · "0" setting code;

Scan "Exit and Save".



Same Barcode Reading

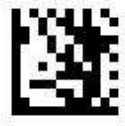


Enter Setting



Exit and Save

QR Web Barcode Setting



Enter Setting



Block QR pages: not output QR code with URL



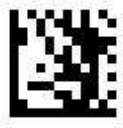
Read QR web barcode



Exit and Save

Output mode

USB Keyboard Interface



Enter Setting



USB Keyboard Interface output (default)



Exit and Save

USB Virtual Serial Interface



Enter Setting



Exit and Save

Serial Interface



Enter Setting



Exit and Save

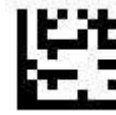
Serial baud rate



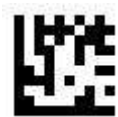
Enter Setting



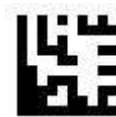
9600



19200



115200 (default)



230400



Exit and Save

International keyboard



Enter Setting



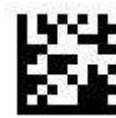
American (default)



Belgium



United Kingdom

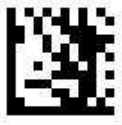


Denmark

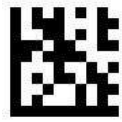


Exit and Save

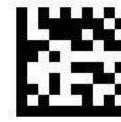
International keyboard



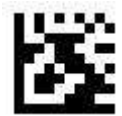
Enter Setting



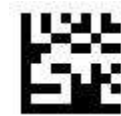
France



Germany



Italy



Norway

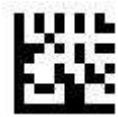


Exit and Save

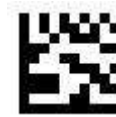
International keyboard



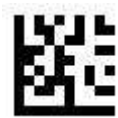
Enter Setting



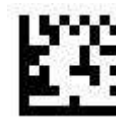
Interfaceugal



Spain



Sweden

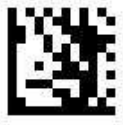


Switzerland



Exit and Save

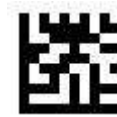
International keyboard



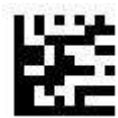
Enter Setting



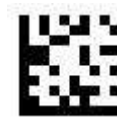
Japan



Hungary



Czech Republic

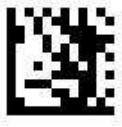


Slovakia



Exit and Save

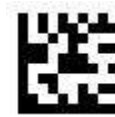
International keyboard



Enter Setting



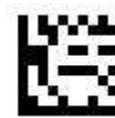
Romania



Croatia



Poland

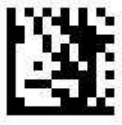


Turkey Q



Exit and Save

International keyboard



Enter Setting



Brazil



Russia



Bulgaria



Exit and Save

Code Page Character Encoding



Enter Setting



Chinese-Simple (GB2312) – Unicode / Excel ; Notepad



Chinese-Simple (GB2312) – Code Page / Word

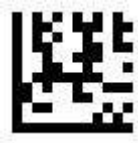


Exit and Save

Code Page Character Encoding



Enter Setting



Korean – Unicode / Excel ; Notepad

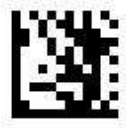


Korean– Code Page / Word



Exit and Save

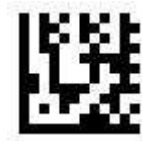
Code Page Character Encoding



Enter Setting



Thailand



Cyrillic



Turkish



Greek



Exit and Save

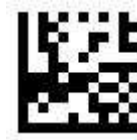
Code Page Character Encoding



Enter Setting



West European Latin



Central and East European Latin



Hebrew



Exit and Save

Barcode Setting

| Support Barcodes Type | |
|-----------------------|-----------------|
| UPC A | Default turn on |
| UPC E | Default turn on |
| EAN 8 | Default turn on |
| EAN 13 | Default turn on |
| Code 128 | Default turn on |
| Code 39 | Default turn on |
| Code 93 | Default turn on |
| Codabar | Default turn on |
| Plessey | Turn off |
| MSI Plessey | Default turn on |
| Interleaved 2 of 5 | Default turn on |
| Pharmacode | Turn off |
| PDF417 | Turn off |
| Micro PDF417 | Turn off |
| Data Matrix | Default turn on |
| QR | Default turn on |
| Micro QR | Turn off |
| DotCode | Turn off |

Set Enable To Read All Barcodes



Enter Setting



Exit and Save

Only Reading 1D barcodes



Enter Setting



Only turn on 1D barcode



Exit and Save

Only Reading 2D Barcodes



Enter Setting



Exit and Save

UPC A



Enter Setting



Turn on UPC A (default)



Turn off UPC A

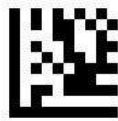


Exit and Save

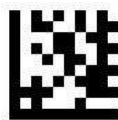
UPC A



Enter Setting



leading zero (default)



Drop leading zero

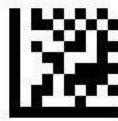


Exit and Save

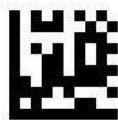
UPC A



Enter Setting



Turn on check code (default)



Turn off check code

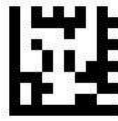


Exit and Save

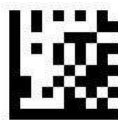
UPC A



Enter Setting



Turn on EAN 13 conversion



Turn off EAN 13 conversion (default)

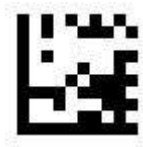


Exit and Save

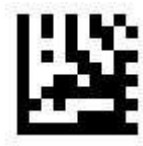
UPC A



Enter Setting



Turn on UPC A 2/5 digit additional code



Turn off UPC A 2/5-digit additional code (default)

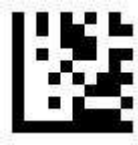


Exit and Save

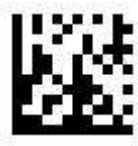
UPC A



Enter Setting



Only read UPC A 2/5 digit additional code



Read UPC A and UPC A 2/5-digit additional codes (default)

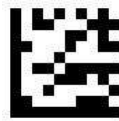


Exit and Save

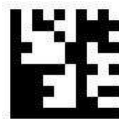
UPC E



Enter Setting



Turn on UPC E (默认)



Turn off UPC A

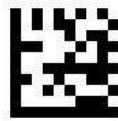


Exit and Save

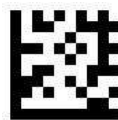
UPC E



Enter Setting



Leading zero (default)



Drop leading zero

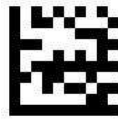


Exit and Save

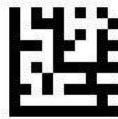
UPC E



Enter Setting



Turn on check code (default)



Turn off check code



Exit and Save

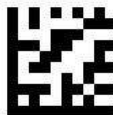
UPC E



Enter Setting



Turn on UPC A conversion



Turn off UPC A conversion (default)



Exit and Save

UPC E



Enter Setting



Turn on UPC E 2/5 digit additional code



Turn off UPC E 2/5 digit additional code (default)

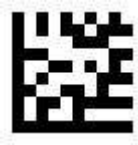


Exit and Save

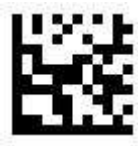
UPC E



Enter Setting



Only read UPC E 2/5 digit additional codes



Read UPC E and UPC E 2/5-digit additional codes (default)



Exit and Save

EAN 8



Enter Setting



Turn on EAN 8 (default)



Turn off EAN 8

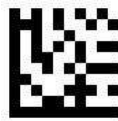


Exit and Save

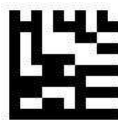
EAN 8



Enter Setting



Transmission Check Digit (default)



No transmission Check Digit

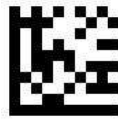


Exit and Save

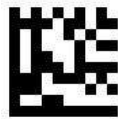
EAN 8



Enter Setting



Turn on EAN-13 conversion



Turn off EAN-13 conversion (default)

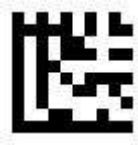


Exit and Save

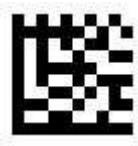
EAN 8



Enter Setting



Turn on EAN 8 2/5 digit add-on code



Turn off EAN 8 2/5 digit add-on code (default)

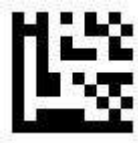


Exit and Save

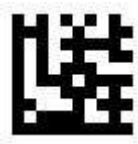
EAN 8



Enter Setting



Read only EAN 8 2/5 digit additional codes



Read EAN 8 and EAN 8 2/5 digit additional codes (default)



Exit and Save

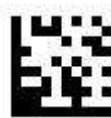
EAN 13



Enter Setting



Turn on EAN 13 (default)



Turn off EAN 13

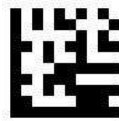


Exit and Save

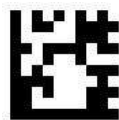
EAN 13



Enter Setting



Transmit check digit (default)



No transmit check digit

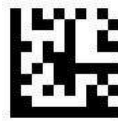


Exit and Save

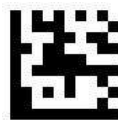
EAN 13



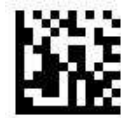
Enter Setting



Turn on ISBN conversion



Turn off ISBN conversion (default)

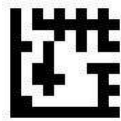


Exit and Save

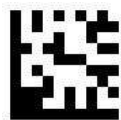
EAN 13



Enter Setting



Turn on ISSN conversion



Turn off ISSN conversion (default)

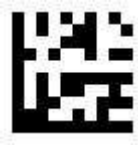


Exit and Save

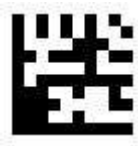
EAN 13



Enter Setting



Turn on EAN 13 2/5 digit add-on code



Turn off EAN 13 2/5 digit add-on code (default)

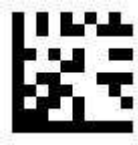


Exit and Save

EAN 13



Enter Setting



Read only EAN 13 2/5 digit additional codes



Read EAN 13 and EAN 13 2/5 digit additional codes (default)



Exit and Save

Code 128 / GS1 -128



Enter Setting



Turn on Code 128 / GS1-128 (default)



Turn off Code 128 / GS1-128



Exit and Save

Code 39



Enter Setting



Turn on Code 39 (default)



Turn off Code 39

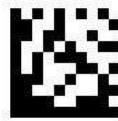


Exit and Save

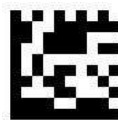
Code 39



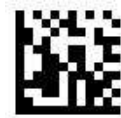
Enter Setting



Turn on Code 39 Full ASCII function



Turn off Code 39 Full ASCII function (default)

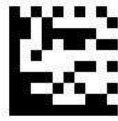


Exit and Save

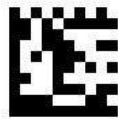
Code 39



Enter Setting



Transmission start/stop character



No transmission start/stop character(default)

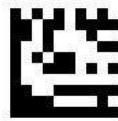


Exit and Save

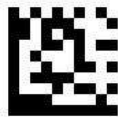
Code 39



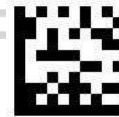
Enter Setting



No check (default)



Check and transmit



Check and no transmit



Exit and Save

Code 93



Enter Setting



Turn on Code 93



Turn off Code 93 (default)

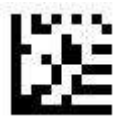


Exit and Save

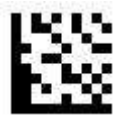
Codabar



Enter Setting



Turn on Codabar (default)



Turn off Codabar

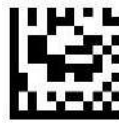


Exit and Save

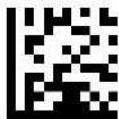
Codabar



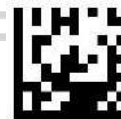
Enter Setting



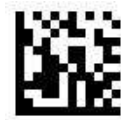
No check (default)



Check and transmit



Check and no transmit

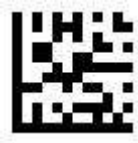


Exit and Save

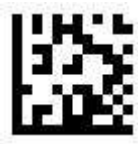
Codabar



Enter Setting



Transmission start/stop character



No transmission start/stop character (default)

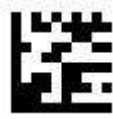


Exit and Save

Plessey



Enter Setting



Turn on Plessey



Turn off Plessey (default)



Exit and Save

MSI Plessey



Enter Setting



Turn on MSI Plessey (default)



Turn off MSI Plessey

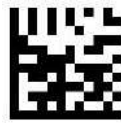


Exit and Save

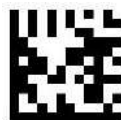
MSI Plessey



Enter Setting



No check



Mod 10 check (default)

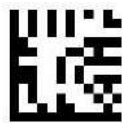


Exit and Save

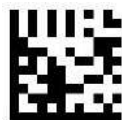
MSI Plessey



Enter Setting



Mod 10/10 check

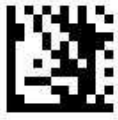


Mod 11/10 check

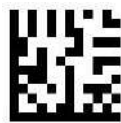


Exit and Save

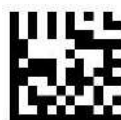
MSI Plessey



Enter Setting



Transmission Check Digit(default)



No transmission Check Digit

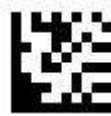


Exit and Save

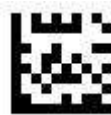
Interleaved 2 of 5



Enter Setting



Turn on Interleaved 2 of 5 (default)



Turn off Interleaved 2 of 5

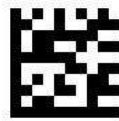


Exit and Save

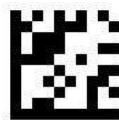
Interleaved 2 of 5



Enter Setting



Not check (default)



Check and transmit

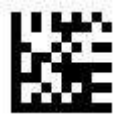


Exit and Save

Pharmacode



Enter Setting



Turn on Pharmacode



Turn off Pharmacode (default)



Exit and Save

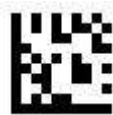
PDF417



Enter Setting



Turn on PDF417



Turn off PDF417 (default)

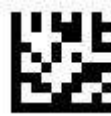


Exit and Save

Micro PDF417



Enter Setting



Turn on Micro PDF417



Turn off Micro PDF417 (default)

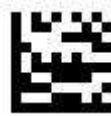


Exit and Save

Data Matrix



Enter Setting



Turn on Data Matrix (default)



Turn off Data Matrix



Exit and Save

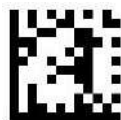
Data Matrix



Enter Setting



Turn on image decoding (default)



Turn off image decoding

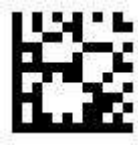


Exit and Save

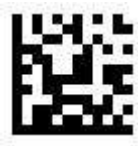
Data Matrix



Enter Setting



Turn on Rectangular Data Matrix (default)



Turn off Rectangular Data Matrix



Exit and Save

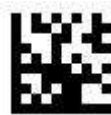
QR



Enter Setting



Turn on QR (default)



Turn off QR

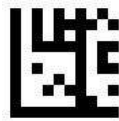


Exit and Save

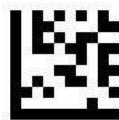
QR



Enter Setting



Turn on image decoding (default)



Turn off image decoding

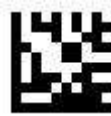


Exit and Save

Micro QR



Enter Setting



Turn on Micro QR (default)



Turn off Micro QR



Exit and Save

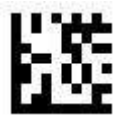
DotCode



Enter Setting



Turn on DotCode



Turn off DotCode (default)



Exit and Save

Decoding length set

•Limit single length

Setting example:

Restrict reading of single length barcodes,for example, set the read length to 14 characters code 128

1. Scan **“Enter Setting”**
2. Scan **code 128**, limit single length setting code
3. Scan **ASCII Code table**, number 1 barcode
4. Scan **ASCII Code table**, number 4 barcode
5. Scan **“Exit and Save”**



•Limit 2 different lengths

Setting example:

Restrict reading 2 barcodes with different lengths, for example, set the read length to 2 characters and 14 characters of code 128

1. Scan **Enter Setting**

2. Scan code 128 to limit 2 different length setting codes
3. Scan **ASCII Code table**, number 0 barcode
4. Scan **ASCII Code table**, number 2 barcode
5. Scan **ASCII Code table**, number 1 barcode
6. Scan **ASCII Code table**, number 4 barcode
7. Scan Exit and Save

●Limit length range

Setting example:

Restrict reading of barcodes within the length range,for example,
set the read length to

8 - 14 character code 128

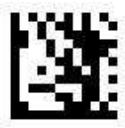
1. Scan **Enter Setting**
2. Scan code 128 , limited length range set code
3. Scan **ASCII Code table**, number 0 barcode
4. Scan **ASCII Code table**, number 8 barcode
5. Scan **ASCII Code table**, number 1 barcode
6. Scan **ASCII Code table**, number 4 barcode
7. Scan Exit and Save

•Any length

Setting example:

1. Scan **Enter Setting**
2. Scan code 128 , any length setting code
3. Scan Exit and Save

Code 128 Decoding length set

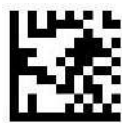


Enter Setting

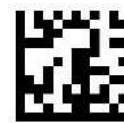


Limit single length

Limit 2 different lengths



Limit length range

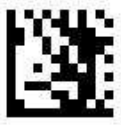


Any length (default)

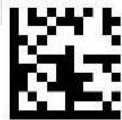


Exit and Save

Code 39 Decoding length set



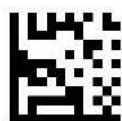
Enter Setting



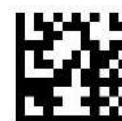
Limit single length



Limit 2 different lengths



Limit length range

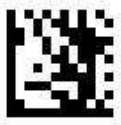


Any length (default)



Exit and Save

Code 93 Decoding length set



Enter Setting



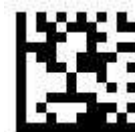
Limit single length



Limit 2 different lengths



Limit length range

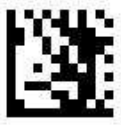


Any length (default)

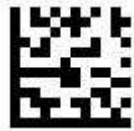


Exit and Save

Codabar Decoding length set



Enter Setting



Limit single length



Limit 2 different lengths



Limit length range

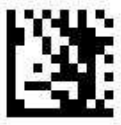


Any length (default)



Exit and Save

Interleaved 2 of 5 Decoding length set



Enter Setting



Limit single length



Limit 2 different lengths



Limit length range

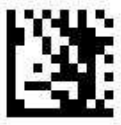


Any length (default)



Exit and Save

MSI Plessey Decoding length set



Enter Setting



Limit single length



Limit 2 different lengths



Limit length range



Any length (default)



Exit and Save

Data editing

Output format

The following is the data output format

| | | | | | |
|---------------------------|---------------------|--------|--------------------|---------------------|-----------------------------------|
| Barcode type (4 bytes) | Prefix (4 bytes) | AIM ID | Barcode content | Suffix (4 bytes) | Terminal character (1 byte) |
|---------------------------|---------------------|--------|--------------------|---------------------|-----------------------------------|

Barcode type

- 1 · The default output is not to output barcode type
- 2 · Open and close the output of barcode type through serial Interface commands and scann barcode
- 3 · Only supInterfaces serial mode, USB keyboard does not supInterface

The format is defined as follows :

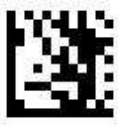
| | | |
|-----------------------------|-------------------------------------|--|
| Start sign 0x03 (1 byte) | Barcode system code (1 byte) Hex | Barcode length (2 bytes) 0x0001 ~0xFFFF |
|-----------------------------|-------------------------------------|--|

Barcode system code is as follows :

| Code | 2D barcode | Code | 1D barcode | Code | 1D barcode |
|-------|--------------|-------|------------|------|----------------------|
| 0x 41 | PDF417 | 0x61 | UPC A | 0x71 | Pharmacode |
| 0x 42 | Micro PDF417 | 0x 62 | UPC E | 0x72 | GS1 DataBar 14 |
| 0x 43 | Data Matrix | 0x 63 | EAN 8 | 0x73 | GS1 DataBar Expanded |
| 0x 44 | QR | 0x 64 | EAN 13 | 0x74 | GS1 DataBar Limited |
| 0x 45 | Micro QR | 0x 65 | Code 128 | 0x75 | Composite Code-A |
| 0x 46 | Aztec | 0x66 | Code 39 | 0x76 | Composite Code-B |
| 0x 47 | MaxiCode | 0x67 | Code 93 | 0x77 | Composite Code-C |
| | | 0x68 | Code 32 | | |

| | | | | | |
|--|--|------|--------------------|--|--|
| | | 0x69 | Code 11 | | |
| | | 0x6A | Codabar | | |
| | | 0x6B | Plessey | | |
| | | 0x6C | MSI Plessey | | |
| | | 0x6D | Interleaved 2 of 5 | | |
| | | 0x6E | IATA 2 of 5 | | |
| | | 0x6F | Matrix 2 of 5 | | |
| | | 0x70 | Straight 2 of 5 | | |

Barcode type



Enter Setting



Turn off(default)



Turn on



Exit and Save

Prefix

Add output characters before barcode data, up to 4 characters can be set

Add a character before all barcode data:

1. Scan " Enter Setting"
2. Scan "Set All Code Prefix"
3. Scan ASCII Code table, a set code
4. Scan "Exit and Save"

Remove prefix:

1. Scan " Enter Setting"
2. Scan "Turn off all code prefixes"
3. Scan "Exit and Save"

Add &13 characters before the EAN 13 barcode data:

1. Scan " Enter Setting"
2. Scan "Set EAN 13 Prefix"
3. Scan ASCII Code table, & set code
3. Scan ASCII Code table, 1 set code
3. Scan ASCII Code table, 3 set code
4. Scan "Exit and Save"

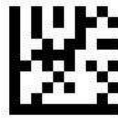
Remove the EAN 13 prefix:

1. Scan " Enter Setting"
2. Scan "Set EAN 13 Prefix"
3. Scan "Exit and Save"

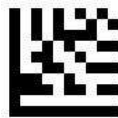
Prefix



Enter Setting



Turn off all code prefixes (default)



Set all code prefixes

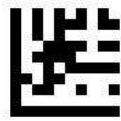


Exit and Save

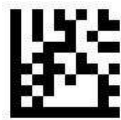
Prefix



Enter Setting



Set UPC A Prefix



Turn off UPC A Prefix

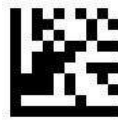


Exit and Save

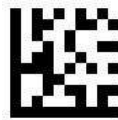
Prefix



Enter Setting



Set UPC E Prefix



Turn off UPC E Prefix

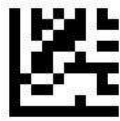


Exit and Save

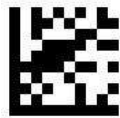
Prefix



Enter Setting



Set EAN 8 Prefix



Turn off EAN 8 Prefix

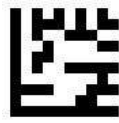


Exit and Save

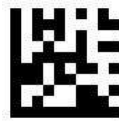
Prefix



Enter Setting



Set EAN 13 Prefix



Turn off EAN 13 Prefix

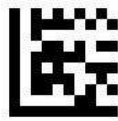


Exit and Save

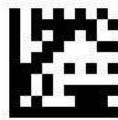
Prefix



Enter Setting



Set Code 128 Prefix



Turn off Code 128 Prefix

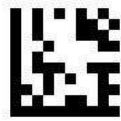


Exit and Save

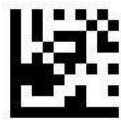
Prefix



Enter Setting



Set Code 39 Prefix



Turn off Code 39 Prefix



Exit and Save

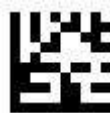
Prefix



Enter Setting



Set Code 93 Prefix



Turn off Code 93 Prefix



Exit and Save

Prefix



Enter Setting



Set Codabar Prefix



Turn off Codabar Prefix

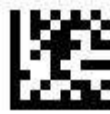


Exit and Save

Prefix



Enter Setting



Set Plessey Prefix



Turn off Plessey Prefix



Exit and Save

Prefix



Enter Setting



Set MSI Plessey Prefix



Turn off MSI Plessey Prefix

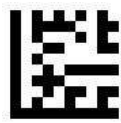


Exit and Save

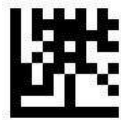
Prefix



Enter Setting



Set Interleaved 2 of 5 Prefix



Turn off Interleaved 2 of 5 Prefix

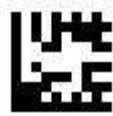


Exit and Save

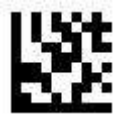
Prefix



Enter Setting



Set Pharmacode Prefix



Turn off Pharmacode Prefix

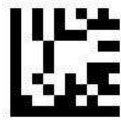


Exit and Save

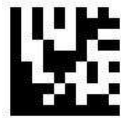
Prefix



Enter Setting



Set PDF417 Prefix



Turn off PDF417 Prefix

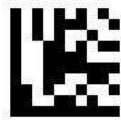


Exit and Save

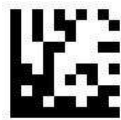
Prefix



Enter Setting



Set Micro PDF417 Prefix



Turn off Micro PDF417 Prefix

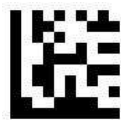


Exit and Save

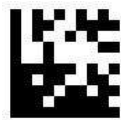
Prefix



Enter Setting



Set Data Matrix Prefix



Turn off Data Matrix Prefix

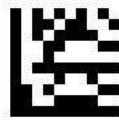


Exit and Save

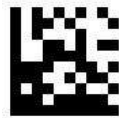
Prefix



Enter Setting



Set QR Prefix



Turn off QR Prefix



Exit and Save

Prefix



Enter Setting



Set Micro QR Prefix



Turn off Micro QR Prefix



Exit and Save

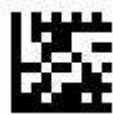
Prefix



Enter Setting



Set Aztec Prefix



Turn off Aztec Prefix



Exit and Save

Suffix

Add output characters after barcode data, up to 4 characters can be set
After add a character to all barcode data:

1. Scan " Enter Setting"
2. Scan "Set All Code Suffixes"
3. Scan ASCII Code table, a set code
4. Scan "Exit and Save"

Remove suffix:

1. Scan " Enter Setting"
2. Scan "Turn off all code suffixes"
3. Scan "Exit and Save"

Add &13 characters after EAN 13 barcode data:

1. Scan " Enter Setting"
2. Scan "Set EAN 13 Suffix"
3. Scan ASCII Code table, & set code
3. Scan ASCII Code table, 1 set code
3. Scan ASCII Code table, 3 set code
4. Scan "Exit and Save"

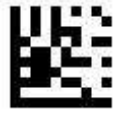
Remove the EAN 13 suffix:

1. Scan " Enter Setting"
2. Scan "Turn off EAN 13 Suffix"
3. Scan "Exit and Save"

Suffix



Enter Setting

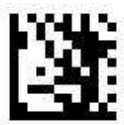


Turn off all code suffixes (default)

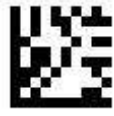


Exit and Save

Suffix



Enter Setting



Set UPC A suffix

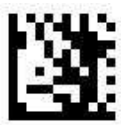


Turn off UPC A suffix



Exit and Save

Suffix



Enter Setting



Set UPC E suffix

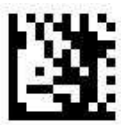


Turn off UPC E suffix

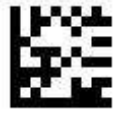


Exit and Save

Suffix



Enter Setting



Set EAN 8 suffix

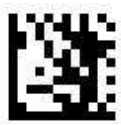


Turn off EAN 8 suffix



Exit and Save

Suffix



Enter Setting



Set EAN 13 suffix

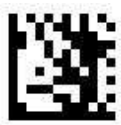


Turn off EAN 13 suffix

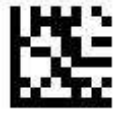


Exit and Save

Suffix



Enter Setting



Set Code 128 suffix

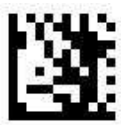


Turn off Code 128 suffix



Exit and Save

Suffix



Enter Setting



Set Code 39 suffix

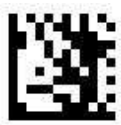


Turn off Code 39 suffix

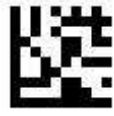


Exit and Save

Suffix



Enter Setting



Set Code 93 suffix



Turn off Code 93 suffix

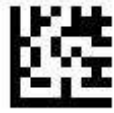


Exit and Save

Suffix



Enter Setting



Set Codabar suffix

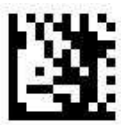


Turn off Codabar suffix



Exit and Save

Suffix



Enter Setting



Set Plessey suffix

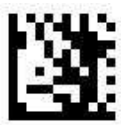


Turn off Plessey suffix

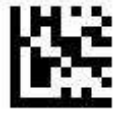


Exit and Save

Suffix



Enter Setting

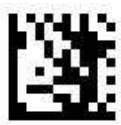


Set MSI Plessey suffix

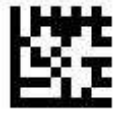


Exit and Save

Suffix



Enter Setting



Set Interleaved 2 of 5 suffix

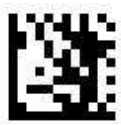


Turn off Interleaved 2 of 5 suffix

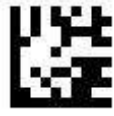


Exit and Save

Suffix



Enter Setting

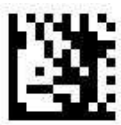


Set Pharmacode suffix



Exit and Save

Suffix



Enter Setting



Set PDF417 suffix

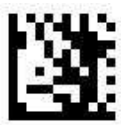


Turn off PDF417 suffix



Exit and Save

Suffix



Enter Setting



Set Micro PDF417 suffix

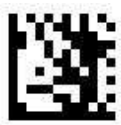


Turn off Micro PDF417 suffix

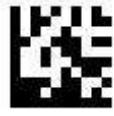


Exit and Save

Suffix



Enter Setting

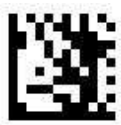


Set Data Matrix suffix



Exit and Save

Suffix



Enter Setting



Set QR suffix

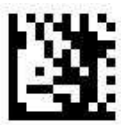


Turn off QR suffix



Exit and Save

Suffix



Enter Setting



Set Micro QR suffix

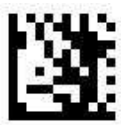


Turn off Micro QR suffix



Exit and Save

Suffix



Enter Setting



Set Aztec suffix

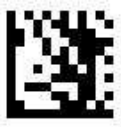


Exit and Save

| Barcode identification code table | | |
|-----------------------------------|--------|-----|
| Symbology | Mexxen | AIM |
| UPC-A | A | E |
| UPC-E | E | E |
| EAN-8 | FF | E |
| EAN-13 | F | E |
| Code 128 | K | C |
| Code 39 | M | A |

| | | |
|----------------------|----|---|
| Code 93 | L | G |
| Code 32 | M | A |
| Code 11 | O | H |
| Codabar | N | F |
| Plessey | P | P |
| MSI / Plessey | a | M |
| Interleaved 2 of 5 | l | l |
| IATA 2 of 5 | Z | R |
| Matrix 2 of 5 | G | X |
| Straight 2 of 5 | S | S |
| Pharmacode | H | X |
| GS1 DataBar 14 | RS | e |
| GS1 DataBar Expanded | RX | e |
| GS1 DataBar Limited | RL | e |
| Composite CC-A | m | e |
| Composite CC-B | n | e |
| Composite CC-C | i | e |
| PDF417 | r | L |
| Micro PDF417 | s | L |
| Data Matrix | t | d |
| QR | u | Q |
| Micro QR | j | Q |
| Aztec | e | Z |
| MaxiCode | v | U |

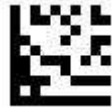
Terminal character



Enter Setting



None



Enter / CR (default)



Terminal character



Enter Setting



CR / LF

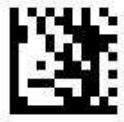


TAB

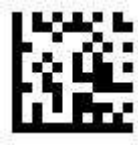


Exit and Save

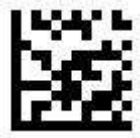
Letter case conversion



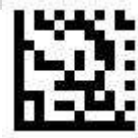
Enter Setting



Turn off(default)



Convert to uppercase



Convert to lower case

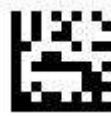


Exit and Save

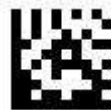
Caps Lock



Enter Setting



Turn off Caps Lock (default)



Turn on Caps Lock



Exit and Save

GS character conversion

Convert GS characters to other in keyboard mode ASCII Code

Set GS characters to # output:

1. Scan "Enter Setting"
2. Scan "Convert GS Characters"
3. Scan the ASCII Code table, # setup code
4. Scan "Exit and Save"

Set GS character conversion to carriage return output:

1. Scan "Enter Setting"
2. Scan "Convert GS Characters"
3. Scan the ASCII Code table, Enter Setup Code
4. Scan "Exit and Save"

Restore the default value of GS characters

1. Scan "Enter Setting"
2. Scan "Turn off GS character conversion"
3. Scan "Exit and Save"

GS character conversion



Enter Setting



Turn off GS character conversion (default)

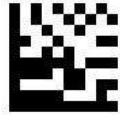


Exit and Save

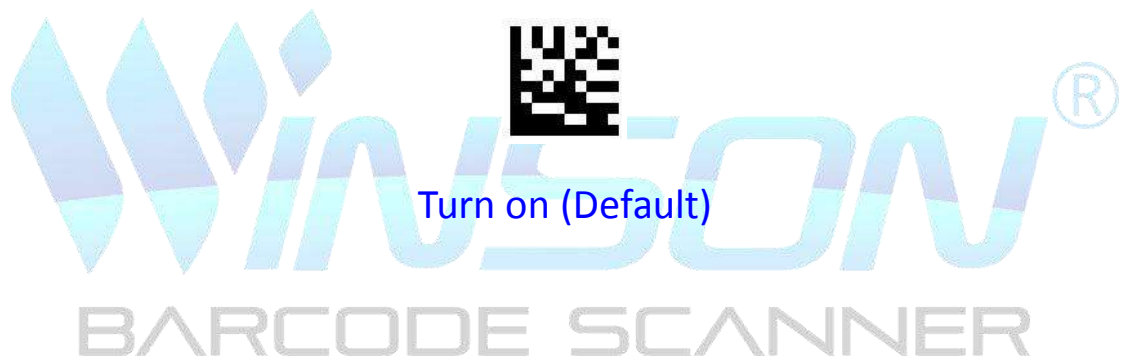
Function Key Mapping



Enter Setting

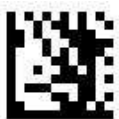


Turn off



Exit and Save

Function Key Mapping



Enter Setting



Ctrl Char Mode (Default)

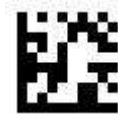


Exit and Save

Appendix I Decimal digit



0



1



4

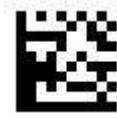


5

Appendix I Decimal digit



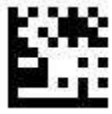

6




7




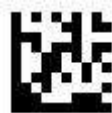
Appendix II ASCII Code Table



| Hex | Decimal | ASCII | Function Key Mapping | | |
|-----|---------|---|----------------------|----------------|------------------|
| | | | Turn off | Ctrl Char mode | Alt+Unicode mode |
| 00 | 0 | NUL | Null | Ctrl+@ | Alt + 000 |
| 01 | 1 | SOH | Home | Ctrl+A | Alt + 001 |
| 02 | 2 | STX | End | Ctrl+B | Alt + 002 |
| 03 | 3 | ETX | Up Arrow | Ctrl+C | Alt + 003 |
| 04 | 4 | EOT | Down Arrow | Ctrl+D | Alt + 004 |
| 05 | 5 | ENQ | Left Arrow | Ctrl+E | Alt + 005 |
| 06 | 6 | ACK | Right Arrow | Ctrl+F | Alt + 006 |
| 07 | 7 | BEL | Null | Ctrl+G | Alt + 007 |
| 08 | 8 |  | Backspace | Backspace | Alt + 008 |
| 09 | 9 |  | TAB | TAB | Alt + 009 |

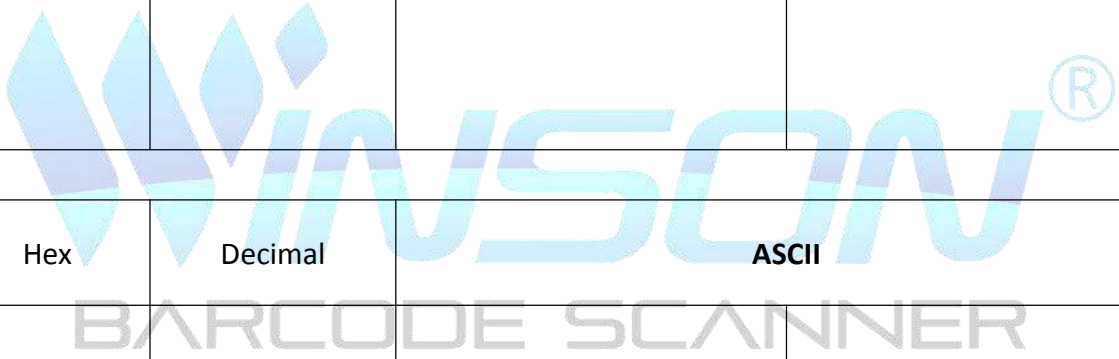
| | | | | | |
|----|----|---|-----------|--------|-----------|
| 0A | 10 | LF | Null | Ctrl+J | Alt + 010 |
| 0B | 11 | VT | Null | Ctrl+K | Alt + 011 |
| 0C | 12 | FF | Null | Ctrl+L | Alt + 012 |
| 0D | 13 |  | Enter | Enter | Enter |
| 0E | 14 | SO | Page Up | Ctrl+N | Alt + 014 |
| 0F | 15 | SI | Page Down | Ctrl+O | Alt + 015 |



| Hex | Decimal | ASCII | Function Key Mapping | | |
|-----|---------|-------|----------------------|----------------|------------------|
| | | | Turn off | Ctrl Char mode | Alt+Unicode mode |
| 10 | 16 | DLE | F11 | Ctrl+P | Alt + 016 |
| 11 | 17 | DC1 | Null | Ctrl+Q | Alt + 017 |
| 12 | 18 | DC2 | Null | Ctrl+R | Alt + 018 |
| 13 | 19 | DC3 | Null | Ctrl+S | Alt + 019 |
| 14 | 20 | DC4 | Null | Ctrl+T | Alt + 020 |
| 15 | 21 | NAK | F12 | Ctrl+U | Alt + 021 |
| 16 | 22 | SYN | F1 | Ctrl+V | Alt + 022 |
| 17 | 23 | ETB | F2 | Ctrl+W | Alt + 023 |
| 18 | 24 | CAN | F3 | Ctrl+X | Alt + 024 |
| 19 | 25 | EM | F4 | Ctrl+Y | Alt + 025 |
| 1A | 26 | SUB | F5 | Ctrl+Z | Alt + 026 |

| | | | | | |
|----|----|-----|-----|--------|-----------|
| 1B | 27 | ESC | F6 | Ctrl+[| Alt + 027 |
| 1C | 28 | FS | F7 | Ctrl+\ | Alt + 028 |
| 1D | 29 | GS | F8 | Ctrl+] | Alt + 029 |
| 1E | 30 | RS | F9 | Ctrl+^ | Alt + 030 |
| 1F | 31 | US | F10 | Ctrl+_ | Alt + 031 |

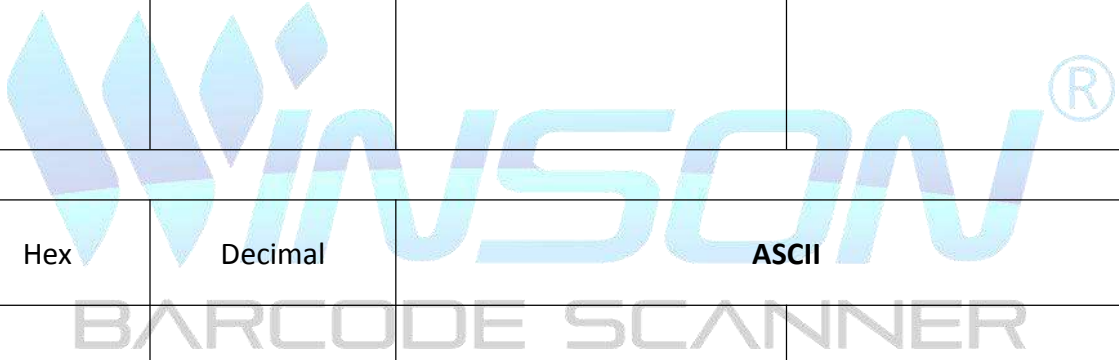
| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 20 | 32 | SPACE |  |
| 21 | 33 | ! |  |

| | | | |
|----|----|---|---|
| 22 | 34 | " |  |
| 23 | 35 | # |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 24 | 36 | \$ |  |
| 25 | 37 | % |  |

| | | | |
|-----|---------|-------|---|
| 26 | 38 | & |  |
| 27 | 39 | ' |  |
| Hex | Decimal | ASCII | |
| 28 | 40 | (|  |
| 29 | 41 |) |  |



| | | | |
|-----|---------|-------|---|
| 2A | 42 | * |  |
| 2B | 43 | + |  |
| Hex | Decimal | ASCII | |
| 2C | 44 | , |  |
| 2D | 45 | - |  |

| | | | |
|-----|---------|-------|---|
| 2E | 46 | . |  |
| 2F | 47 | / |  |
| Hex | Decimal | ASCII | |
| 30 | 48 | 0 |  |
| 31 | 49 | 1 |  |

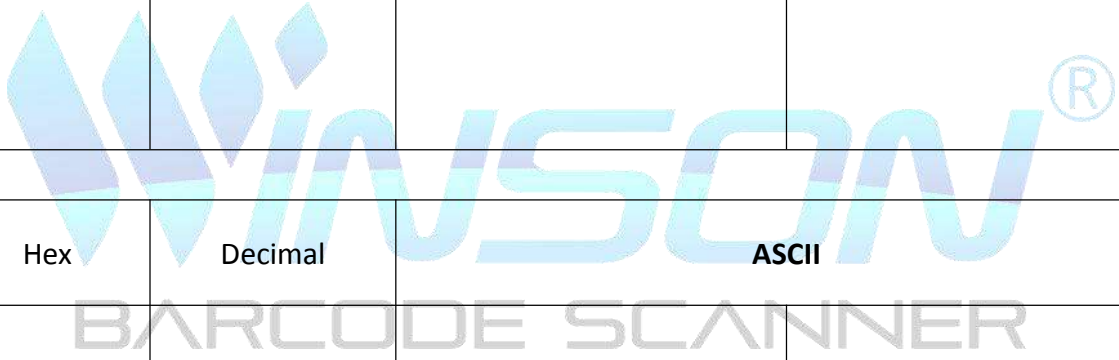
| | | | |
|-----|---------|-------|---|
| 32 | 50 | 2 |  |
| 33 | 51 | 3 |  |
| Hex | Decimal | ASCII | |
| 34 | 52 | 4 |  |
| 35 | 53 | 5 |  |

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| | | | |
|-----|---------|-------|---|
| 36 | 54 | 6 |  |
| 37 | 55 | 7 |  |
| Hex | Decimal | ASCII | |
| 38 | 56 | 8 |  |
| 39 | 57 | 9 |  |

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| | | | |
|-----|---------|-------|---|
| 3A | 58 | : |  |
| 3B | 59 | ; |  |
| Hex | Decimal | ASCII | |
| 3C | 60 | < |  |
| 3D | 61 | = |  |



| | | | |
|----|----|---|---|
| 3E | 62 | > |  |
| 3F | 63 | ? |  |

| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 40 | 64 | @ |  |
| 41 | 65 | A |  |


| | | | |
|-----|---------|-------|---|
| 42 | 66 | B |  |
| 43 | 67 | C |  |
| Hex | Decimal | ASCII | |
| 44 | 68 | D |  |
| 45 | 69 | E |  |

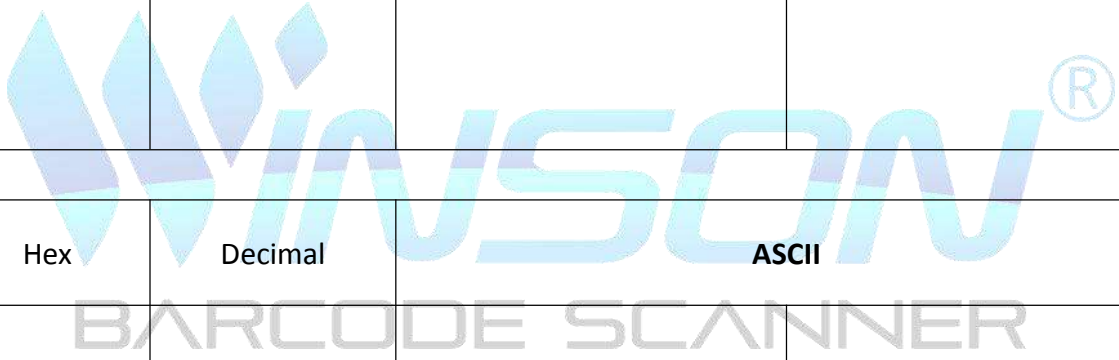
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| | | | |
|-----|---------|-------|---|
| 46 | 70 | F |  |
| 47 | 71 | G |  |
| Hex | Decimal | ASCII | |
| 48 | 72 | H |  |
| 49 | 73 | I |  |

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 BARCODE SCANNER

| | | | |
|-----|---------|-------|---|
| 4A | 74 | J |  |
| 4B | 75 | K |  |
| Hex | Decimal | ASCII | |
| 4C | 76 | L |  |
| 4D | 77 | M |  |


| | | | |
|----|----|---|---|
| 4E | 78 | N |  |
| 4F | 79 | O |  |





| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 50 | 80 | P |  |
| 51 | 81 | Q |  |

| | | | |
|-----|---------|-------|---|
| 52 | 82 | R |  |
| 53 | 83 | S |  |
| Hex | Decimal | ASCII | |
| 54 | 84 | T |  |
| 55 | 85 | U |  |


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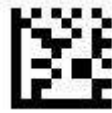

| | | | |
|----|----|---|---|
| 56 | 86 | V |  |
| 57 | 87 | W |  |

| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 58 | 88 | X |  |
| 59 | 89 | Y |  |

| | | | |
|----|----|---|---|
| 5A | 90 | z |  |
| 5B | 91 | [|  |



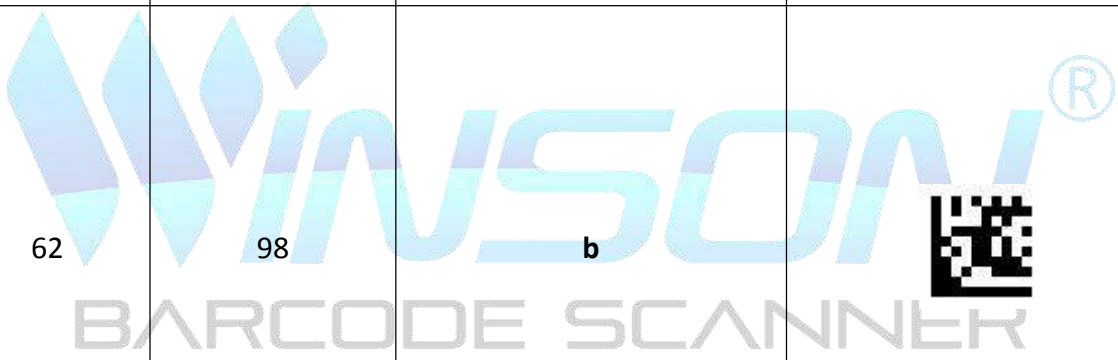
| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 5C | 92 | \ |  |

| | | | |
|----|----|---|---|
| 5D | 93 |] |  |
| 5E | 94 | ^ |  |
| 5F | 95 | - |  |






| | | |
|-----|---------|-------|
| Hex | Decimal | ASCII |
|-----|---------|-------|

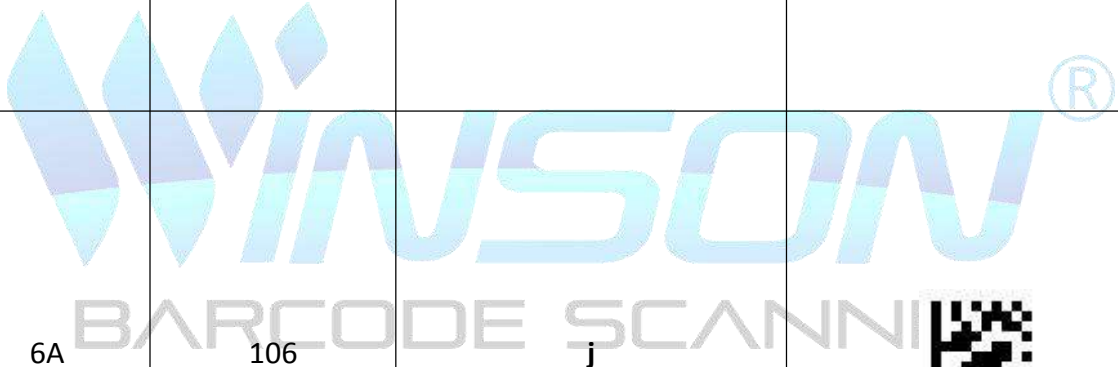
| | | | |
|----|----|---|---|
| 60 | 96 | 、 |  |
| 62 | 97 | a |  |
| 62 | 98 | b |  |
| 63 | 99 | c |  |

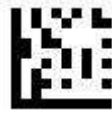





| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 64 | 100 | d |  |
| 65 | 101 | e |  |
| 66 | 102 | f |  |
| 67 | 103 | g |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 68 | 104 | h |  |
| 69 | 105 | i |  |
| 6A | 106 | j |  |
| 6B | 107 | k |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 6C | 108 | l |  |
| 6D | 109 | m |  |
| 6E | 110 | n |  |
| 6F | 111 | o |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 70 | 112 | p |  |
| 71 | 113 | q |  |
| 72 | 114 | r |  |
| 73 | 115 | s |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 74 | 116 | t |  |
| 75 | 117 | u |  |
| 76 | 118 | v |  |
| 77 | 119 | w |  |



| Hex | Decimal | ASCII | |
|-----|---------|-------|---|
| 78 | 120 | x |  |
| 79 | 121 | y |  |
| 7A | 122 | z |  |
| 7B | 123 | { |  |



| Hex | Decimal | ASCII | |
|-----|---------|--------|---|
| 7C | 124 | |  |
| 7D | 125 | } |  |
| 7E | 126 | ~ |  |
| 7F | 127 | Delete |  |



Appendix III Function keys



Insert



Delete



Up Arrow



Down Arrow



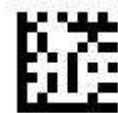
Left Arrow



Right Arrow



Ctrl



Alt



Page Up



Page Down



F3



F4



F5



F6



F7



F8

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F9



F10



F11



F12