

**SEYPOS OMNI-CODE 2D**

**Presentation Area Imager  
Configuration Guide**

# Contents

|                                     |           |
|-------------------------------------|-----------|
| <b>Reset Default Settings .....</b> | <b>3</b>  |
| <b>Basic Settings .....</b>         | <b>4</b>  |
| Interface .....                     | 4         |
| RS232 Baud Rate .....               | 5         |
| Keyboard Layout .....               | 7         |
| <b>Code Settings .....</b>          | <b>13</b> |
| UPC-A .....                         | 13        |
| UPC-E .....                         | 17        |
| EAN 13 .....                        | 21        |
| EAN 8 .....                         | 24        |
| Code 128 .....                      | 27        |
| Code 39 .....                       | 30        |
| Code 93 .....                       | 35        |
| Codabar .....                       | 38        |
| MSI .....                           | 42        |
| Interleaved 2 of 5.....             | 47        |
| RSS 14 .....                        | 51        |
| RSS Expanded .....                  | 52        |

|   |            |
|---|------------|
| RSS Limited .....                                   | 53         |
| PDF417 .....  | 54         |
| MicroPDF417.....                                    | 55         |
| Data Matrix .....                                   | 56         |
| QR.....   | 57         |
| MicroQR .....                                       | 59         |
| <b>Data Editing .....</b>                           | <b>60</b>  |
| Prefix/Suffix.....                                  | 60         |
| AIM ID .....  | 66         |
| Keyboard Function Key Mapping .....                 | 67         |
| Keyboard Caps Lock State .....                      | 68         |
| Case Conversion.....                                | 69         |
| <b>Appendix A - Prefix/Suffix ASCII Codes .....</b> | <b>70</b>  |
| <b>Appendix B - Prefix/Suffix Direct Keys .....</b> | <b>101</b> |

# Reset Default Settings



Start / End



Reset Default Settings

# Basic Settings

## Interface



**Start / End**



RS232



**USB Keyboard (Default)**



USB Virtual COM Port

# RS232 Baud Rate



Start / End



9600 (Default)



19200



38400

# RS232 Baud Rate -continued



Start / End



57600



115200



230400

# Keyboard Layout



Start / End



U.S. (Default)



Belgium



Britain



# Keyboard Layout - continued



**Start / End**



Croatia



Czech Republic



Denmark

# Keyboard Layout - continued



Start / End



France



Germany



Hungary

# Keyboard Layout - continued



Start / End



Spain



Sweden



Slovakia

# Keyboard Layout - continued



Start / End



Italy



Japan



Norway

# Keyboard Layout - continued



**Start / End**



Poland



Portugal



Romania

# Code Settings

## UPC-A



Start / End



Enable UPC-A (Default)



Disable UPC-A

# UPC-A - continued



Start / End



**Enable Number System Transmission (Default)**



Disable Number System Transmission



**Send Check Digit (Default)**



Don't Send Check Digit

# UPC-A - continued



Start / End



Expand to EAN13



**Don't Expand to EAN13 (Default)**



# UPC-A - continued



Start / End



**Disable UPC-A Add-ons (Default)**



Enable UPC-A 2-Digit Add-ons



Enable UPC-A 5-Digit Add-ons

# UPC-E



Start / End



**Enable UPC-E (Default)**



Disable UPC-E

# UPC-E - continued



Start / End



**Include Number System Digit (Default)**



Exclude Number System Digit



**Send Check Digit (Default)**



Don't Send Check Digit

# UPC-E - continued



**Start / End**



Expand to UPC-A



**Don't Expand to UPC-A (Default)**

# UPC-E - continued



Start / End



**Disable UPC-E Add-ons (Default)**



Enable UPC-E 2-Digit Add-ons



Enable UPC-E 5-Digit Add-ons

# EAN 13



**Start / End**



**Enable EAN 13 (Default)**



**Disable EAN 13**

# EAN 13 - continued



Start / End



Send Check Digit (Default)



Don't Send Check Digit



Enable ISBN



Disable ISBN (Default)

# EAN 13 - continued



Start / End



**Disable EAN 13 Add-ons (Default)**



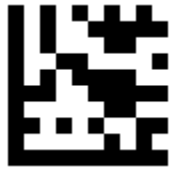
Enable EAN 13 2-Digit Add-ons



Enable EAN 13 5-Digit Add-ons



# EAN 8



Start / End



**Enable EAN 8 (Default)**



Disable EAN 8

# EAN 8 - continued



Start / End



Send Check Digit (Default)



Don't Send Check Digit



Expand to EAN 13



Don't Expand to EAN 13 (Default)

# EAN 8 - continued



Start / End



**Disable EAN 8 Add-ons (Default)**



Enable EAN 8 2-Digit Add-ons



Enable EAN 8 5-Digit Add-ons

# Code 128



Start / End



**Enable Code 128 (Default)**



Disable Code 128

# Set Lengths for Code 128

## One Discrete Length

Select this option to decode the symbol containing a selected length. Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 128 symbols with 14 characters, scan **Code 128 One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 128 symbols containing either 2 or 14 characters, select **Code 128 Two Discrete Lengths**, then scan **0, 2, 1**, and then **4**.

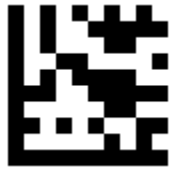
## • Length Within Range

Select this option to decode the symbol with a specific length range. Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode

Code 128 symbols containing between 4 and 12 characters, first scan **Code 128 Length Within Range**. Then scan **0, 4, 1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



Code 128 - One Discrete Length



Code 128 - Two Discrete Lengths



Code 128 - Length Within Range



**Code 128 - Any Length (Default)**

# Code 39



Start / End



Enable Code 39 (Default)



Disable Code 39

# Code 39 - continued



Start / End



Enable Code 39 Full ASCII



**Disable Code 39 Full ASCII (Default)**



Transmit Start / Stop Characters



**Don't Transmit Start / Stop Characters (Default)**



# Code 39 - continued



Start / End



Enable Check Digit Calculation



**Disable Check Digit Calculation (Default)**



Enable Check Digit Transmission



**Disable Check Digit Transmission (Default)**

# Set Lengths for Code 39

## One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 39 symbols with 14 characters, scan **Code 39 One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 39 symbols containing either 2 or 14 characters, select **Code 39 Two Discrete Lengths**, then scan **0, 2, 1**, and then **4**.

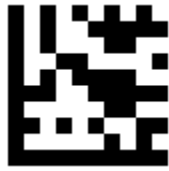
## • Length Within Range

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode Code 39 symbols containing between 4 and 12 characters, first scan **Code 39 Length Within Range**. Then scan **0, 4, 1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



Code 39 - One Discrete Length



Code 39 - Two Discrete Lengths



Code 39 - Length Within Range



**Code 39 - Any Length (Default)**

# Code 93



Start / End



Enable Code 93 (Default)



Disable Code 93

# Set Lengths for Code 93

## One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 93 symbols with 14 characters, scan **Code 93 One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only Code 93 symbols containing either 2 or 14 characters, select **Code 93 Two Discrete Lengths**, then scan **0, 2, 1**, and then **4**.

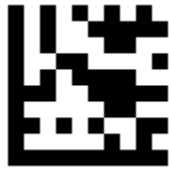
## • Length Within Range

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode Code 93 symbols containing between 4 and 12 characters, first scan **Code 93 Length Within Range**. Then scan **0, 4, 1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



Code 93 - One Discrete Length



Code 93 - Two Discrete Lengths



Code 93 - Length Within Range



**Code 93 - Any Length (Default)**

# Codabar



**Start / End**



Enable Codabar



**Disable Codabar (Default)**

# Codabar - continued



Start / End



Enable Check Digit Verification



**Disable Check Digit Verification (Default)**



Enable Check Digit Transmission



**Disable Check Digit Transmission (Default)**



# Set Lengths for Codabar

## One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only Codabar symbols with 14 characters, scan **Codabar One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only Codabar symbols containing either 2 or 14 characters, select **Codabar Two Discrete Lengths**, then scan **0, 2, 1**, and then **4**.

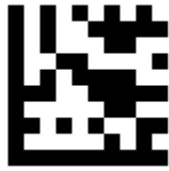
## • Length Within Range

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode Codabar symbols containing between 4 and 12 characters, first scan **Codabar Length Within Range**. Then scan **0, 4, 1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



Codabar - One Discrete Length



Codabar - Two Discrete Lengths



Codabar - Length Within Range



**Codabar - Any Length (Default)**

# MSI



**Start / End**



Enable MSI



**Disable MSI (Default)**

# MSI - continued



Start / End



**Enable Check Digit Calculation (Default)**



Disable Check Digit Calculation

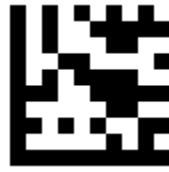


**Enable Check Digit Transmission (Default)**



Disable Check Digit Transmission

# MSI - continued



Start / End



Check Digit Algorithm - MOD 10 (Default)



Check Digit Algorithm - MOD 10 / MOD 10



Check Digit Algorithm - MOD 10 / MOD 11

# Set Lengths for MSI

## One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only MSI symbols with 14 characters, scan **MSI One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only MSI symbols containing either 2 or 14 characters, select **MSI Two Discrete Lengths**, then scan **0, 2, 1**, and then **4**.

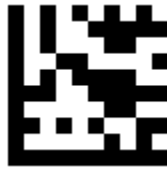
## • Length Within Range

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode MSI symbols containing between 4 and 12 characters, first scan **MSI Length Within Range**. Then scan **0, 4, 1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



MSI - One Discrete Length



MSI - Two Discrete Lengths



MSI - Length Within Range



**MSI - Any Length (Default)**

# Interleaved 2 of 5



Start / End



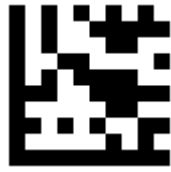
**Enable Interleaved 2 of 5 (Default)**



Disable Interleaved 2 of 5



# Interleaved 2 of 5 -continued



Start / End



Enable Check Digit Calculation



**Disable Check Digit Calculation (Default)**



Enable Check Digit Transmission



**Disable Check Digit Transmission (Default)**

# Set Lengths for Interleaved 2 of 5

## One Discrete Length

Select this option to decode the symbol containing a selected length.

Select the length using the numeric bar codes in [ASCII Code](#). For example, to decode only Interleaved 2 of 5 symbols with 14 characters, scan **Interleaved 2 of 5 One Discrete Length**, then scan **1** followed by **4**.

## • Two Discrete Lengths

Select this option to decode the symbol containing either of two selected lengths. Select lengths using the numeric bar codes in [ASCII Code](#). For example, to decode only Interleaved 2 of 5 symbols containing either 2 or 14 characters, select **Interleaved 2 of 5 Two Discrete Lengths**, then scan **0**, **2**, **1**, and then **4**.

## • Length Within Range

Select this option to decode the symbol with a specific length range.

Select lengths using numeric bar codes in [ASCII Code](#). For example, to decode Interleaved 2 of 5 symbols containing between 4 and 12 characters, first scan **Interleaved 2 of 5 Length Within Range**. Then scan **0**, **4**, **1**, and **2**.

## • Any Length

Select this option to decode the symbol containing any number of characters within the digital scanner's capability.



**Start / End**



Interleaved 2 of 5- One Discrete Length



Interleaved 2 of 5- Two Discrete Lengths

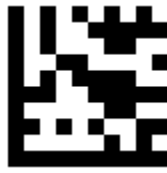


Interleaved 2 of 5- Length Within Range



**Interleaved 2 of 5 - Any Length (Default)**

# RSS 14



**Start / End**



Enable RSS 14



**Disable RSS 14 (Default)**

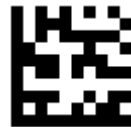
# RSS Expanded



**Start / End**



Enable RSS Expanded



**Disable RSS Expanded (Default)**

# RSS Limited



**Start / End**



Enable RSS Limited



**Disable RSS Limited (Default)**

# PDF417



Start / End

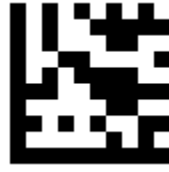


Enable PDF417 (Default)



Disable PDF417

# MicroPDF417



**Start / End**



Enable MicroPDF417



**Disable MicroPDF417 (Default)**



# Data Matrix



Start / End



Enable Data Matrix (Default)



Disable Data Matrix

# QR



Start / End



Enable QR (Default)



Disable QR

# QR - continued



Start / End



**UTF8 QR / Unicode Keyboard Output**



UTF8 QR / Codepage Keyboard Output

# MicroQR



**Start / End**



Enable MicroQR



**Disable MicroQR (Default)**

# Data Editing

The scan data is transmitted as below format.

| Prefix | AIM ID | Scan Data | Suffix |
|--------|--------|-----------|--------|
|--------|--------|-----------|--------|

## Prefix/Suffix

One or two prefixes and/or suffixes can be appended to scan data for use in data editing.

### Example:

#### Set a Prefix/Suffix for all codes

<Enter programming Mode>  
<Set Prefix> or <Set Suffix>  
<Set All Codes>  
<Set one code of **ASCII Codes** or **Direct Keys** >  
<Exit programming Mode>

#### Set two Prefixes/Suffixes for all codes

<Enter programming Mode>  
<Set Prefix> or <Set Suffix>  
<Set All Codes>  
<Set first code of **ASCII Codes** or **Direct Keys** >  
<Set second code of **ASCII Codes** or **Direct Keys** >  
<Exit programming Mode>

#### Disable Prefixes/Suffixes for all codes

<Enter programming Mode>  
<Disable Prefix> or <Disable Suffix>  
<Set All Codes>  
<Exit programming Mode>

# Set Prefix/Suffix



Start / End



Set Prefix



**Disable Prefix (Default)**



Set Suffix



**Disable Suffix (Default)**

# Set Prefix/Suffix for Codes



Set All Codes



Set UPC-A



Set UPC-E



Set EAN 13



Set EAN 8

# Set Prefix/Suffix for Codes



Set Code 128



Set Code 39



Set Code 93



Set Codabar



Set MSI



# Set Prefix/Suffix for Codes



Set Interleaved 2 of 5



Set RSS 14



Set RSS Expanded



Set RSS Limited



Set PDF417

# Set Prefix/Suffix for Codes



Set Micro PDF417



Set Data Matrix



Set QR



Set Micro QR

# AIM ID



Start / End



**Disable Transmission of AIM ID (Default)**



Enable Transmission of AIM ID

# Keyboard Function Key Mapping

Enable this to send the keys in bold (**see Prefix/Suffix ASCII Codes**) in place of the standard key mapping. Table entries that do not have a bold entry remain the same whether or not this parameter is enabled



**Start / End**



**Disable Function Key Mapping (Default)**



Enable Function Key Mapping

# Keyboard Caps Lock State



Start / End



Caps Lock Off (Default)



Caps Lock On

# Case Conversion



Start / End



**Disable (Default)**







Convert to Upper Case






Convert to Lower Case

**Note: Case Conversion does not affect AIM ID , Prefix , Suffix.**

## Appendix A - Prefix/Suffix ASCII Codes





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 01          | SOH    | CTRL+A    |    |
| 02          | STX    | CTRL+B    |   |
| 03          | ETX    | CTRL+C    |  |
| 04          | EOT    | CTRL+D    |  |

## Prefix/Suffix ASCII Code - continued

| ASCII<br>(hex) | Serial    | Keystroke                       |   |
|----------------|-----------|---------------------------------|---|
| 05             | ENQ       | CTRL+E                          |    |
| 06             | ACK       | CTRL+F                          |   |
| 07             | BEL       | CTRL+G                          |  |
| 08             | BACKSPACE | BACKSPACE<br>/<br><b>CTRL+H</b> |  |







## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke                 |   |
|-------------|--------|---------------------------|---|
| 09          | TAB    | TAB<br>/<br><b>CTRL+I</b> |    |
| 0A          | LF     | CTRL+J                    |   |
| 0B          | VT     | CTRL+K                    |  |
| 0C          | FF     | CTRL+L                    |  |





The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.

## Prefix/Suffix ASCII Code - continued





| ASCII<br>(hex) | Serial | Keystroke                   |   |
|----------------|--------|-----------------------------|---|
| 0D             | CR     | ENTER<br>/<br><b>CTRL+M</b> |    |
| 0E             | SO     | CTRL+N                      |   |
| 0F             | SI     | CTRL+O                      |  |
| 10             | DLE    | CTRL+P                      |  |

The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 11          | DC1    | CTRL+Q    |    |
| 12          | DC2    | CTRL+R    |   |
| 13          | DC3    | CTRL+S    |  |
| 14          | DC4    | CTRL+T    |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke                 |   |
|-------------|--------|---------------------------|---|
| 19          | EM     | CTRL+Y                    |    |
| 1A          | SUB    | CTRL+Z                    |   |
| 1B          | ESC    | ESC<br>/<br><b>CTRL+[</b> |  |
| 1C          | FS     | CTRL+\                    |  |

The keystroke in bold is sent only if **Function Key Mapping** is enabled. Otherwise, the unbolded keystroke is sent.





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 1D          | GS     | CTRL+] ]  |    |
| 1E          | RS     | CTRL+6    |   |
| 1F          | US     | CTRL+-    |  |
| 20          | SPACE  | SPACE     |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 21          | !      | !         |    |
| 22          | "      | "         |   |
| 23          | #      | #         |  |
| 24          | \$     | \$        |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 25          | %      | %         |    |
| 26          | &      | &         |   |
| 27          | '      | '         |  |
| 28          | (      | (         |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 29          | )      | )         |    |
| 2A          | *      | *         |   |
| 2B          | +      | +         |  |
| 2C          | ,      | ,         |  |







## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 2D          | -      | -         |    |
| 2E          | .      | .         |   |
| 2F          | /      | /         |  |
| 30          | 0      | 0         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 31          | 1      | 1         |    |
| 32          | 2      | 2         |   |
| 33          | 3      | 3         |  |
| 34          | 4      | 4         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 35          | 5      | 5         |    |
| 36          | 6      | 6         |   |
| 37          | 7      | 7         |  |
| 38          | 8      | 8         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 39          | 9      | 9         |    |
| 3A          | :      | :         |   |
| 3B          | ;      | ;         |  |
| 3C          | <      | <         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 3D          | =      | =         |    |
| 3E          | >      | >         |   |
| 3F          | ?      | ?         |  |
| 40          | @      | @         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 41          | A      | A         |    |
| 42          | B      | B         |   |
| 43          | C      | C         |  |
| 44          | D      | D         |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 45          | E      | E         |    |
| 46          | F      | F         |   |
| 47          | G      | G         |  |
| 48          | H      | H         |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 49          | I      | I         |    |
| 4A          | J      | J         |   |
| 4B          | K      | K         |  |
| 4C          | L      | L         |  |







## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 4D          | M      | M         |    |
| 4E          | N      | N         |   |
| 4F          | O      | O         |  |
| 50          | P      | P         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 51          | Q      | Q         |    |
| 52          | R      | R         |   |
| 53          | S      | S         |  |
| 54          | T      | T         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 55          | U      | U         |    |
| 56          | V      | V         |   |
| 57          | W      | W         |  |
| 58          | X      | X         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 59          | Y      | Y         |    |
| 5A          | Z      | Z         |   |
| 5B          | [      | [         |  |
| 5C          | \      | \         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 5D          | ]      | ]         |    |
| 5E          | ^      | ^         |   |
| 5F          | _      | _         |  |
| 60          | '      | '         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 61          | a      | a         |    |
| 62          | b      | b         |   |
| 63          | c      | c         |  |
| 64          | d      | d         |  |

## Prefix/Suffix ASCII Code - continued





| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 65          | e      | e         |    |
| 66          | f      | f         |   |
| 67          | g      | g         |  |
| 68          | h      | h         |  |

## Prefix/Suffix ASCII Code - continued

| ASCII<br>(hex) | Serial | Keystroke |   |
|----------------|--------|-----------|---|
| 69             | i      | i         |    |
| 6A             | j      | j         |   |
| 6B             | k      | k         |  |
| 6C             | l      | l         |  |







## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 6D          | m      | m         |    |
| 6E          | n      | n         |   |
| 6F          | o      | o         |  |
| 70          | p      | p         |  |





## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 71          | q      | q         |    |
| 72          | r      | r         |   |
| 73          | s      | s         |  |
| 74          | t      | t         |  |



## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 75          | u      | u         |    |
| 76          | v      | v         |   |
| 77          | w      | w         |  |
| 78          | x      | x         |  |

## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 79          | y      | y         |    |
| 7A          | z      | z         |   |
| 7B          | {      | {         |  |
| 7C          |        |           |  |

## Prefix/Suffix ASCII Code - continued

| ASCII (hex) | Serial | Keystroke |   |
|-------------|--------|-----------|---|
| 7D          | }      | }         |    |
| 7E          | ~      | ~         |  |

## Appendix B - Prefix/Suffix Direct Keys



F1



F2



F3



F4

## Prefix/Suffix Direct Keys - continued



F5



F6



F7



F8

## Prefix/Suffix Direct Keys - continued



F9



F10



F11



F12



## Prefix/Suffix Direct Keys - continued



INSERT



DELETE



HOME



END

## Prefix/Suffix Direct Keys - continued



Arrow Up



Arrow Down



Arrow Left



Arrow Right

## Prefix/Suffix Direct Keys - continued



CTRL



ALT



SHIFT



Page Up

## Prefix/Suffix Direct Keys - continued



Page Down



ALT+a



ALT+b



ALT+c

## Prefix/Suffix Direct Keys - continued



ALT+d



ALT+e



ALT+f



ALT+g

## Prefix/Suffix Direct Keys - continued



ALT+h



ALT+i



ALT+j



Ctrl+k

## Prefix/Suffix Direct Keys - continued



ALT+l



ALT+m



ALT+n



ALT+o

## Prefix/Suffix Direct Keys - continued



ALT+p



ALT+q



ALT+r



ALT+s



## Prefix/Suffix Direct Keys - continued



ALT+t



ALT+u



ALT+v



ALT+w

## Prefix/Suffix Direct Keys - continued



ALT+x



ALT+y



ALT+z