

## Appendix C Parameter Bar Codes

Any of the UPC/EAN parameter bar codes will enable/disable all UPC/EAN code types.



**Disable UPC-E**  
**Param #9 (0x09)**



**Disable UPC-A**  
**Param #9 (0x09)**



**Disable EAN 8**  
**Param #9 (0x09)**



**Disable EAN 13**  
**Param #9 (0x09)**



**Disable Code 39**  
**Param #31 (0x1F)**



**\*Enable UPC-E**  
**Param #9 (0x09)**



**\*Enable UPC-A**  
**Param #9 (0x09)**



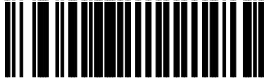
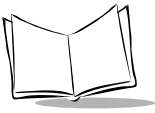
**\*Enable EAN 8**  
**Param #9 (0x09)**



**\*Enable EAN 13**  
**Param #9 (0x09)**

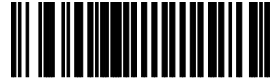


**\*Enable Code 39**  
**Param #31 (0x1F)**



<sup>3</sup> 1 0 0 0 1 0 0

**Disable Code 128**  
**Param #8 (0x08)**



<sup>3</sup> 1 0 0 0 1 0 1

**\*Enable Code 128**  
**Param #8 (0x08)**



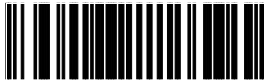
<sup>3</sup> 1 0 4 0 3 3 0

**Disable EAN128**  
**Param #52 (0x34)**



<sup>3</sup> 1 0 4 0 3 3 1

**\*Enable EAN128**  
**Param #52 (0x34)**



<sup>3</sup> 1 0 0 0 2 4 0

**\*Disable Coupon Code**  
**(Param #56 (0x38))**



<sup>3</sup> 1 0 0 0 2 4 1

**Enable Coupon Code**  
**(Param #56 (0x38))**



<sup>3</sup> 2 0 1 0 E 0 0

**Ignore UPC/EAN Supps**  
**Param #53 (0x35)**



<sup>3</sup> 2 0 1 0 E 0 1

**UPC/EAN With Supps**  
**Param #53 (0x35)**



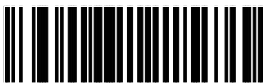
<sup>3</sup> 2 0 1 0 E 0 2

**\*Supps Auto-D**  
**Param #53 (0x35)**



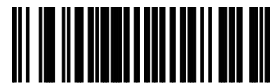
<sup>3</sup> 3 0 5 1 8 2 0 2 1 E

**Decode UPC/EAN Supp Redundancy**  
**(default=5:#times to decode without supps)**  
**Param #48 (0x30)**



<sup>3</sup> 1 0 2 0 0 2 0

**Do Not Transmit UPC-A**  
**Check Digit**  
**Param #43 (0x2B)**



<sup>3</sup> 1 0 2 0 0 2 1

**\*Transmit UPC-A Check**  
**Digit**  
**Param #43 (0x2B)**



**Do Not Transmit UPC-E  
Check Digit  
Param #44 (0x2C)**



**\*Transmit UPC-E Check  
Digit  
Param #44 (0x2C)**



**UPC-A Preamble=None  
Param #36 (0x24)**



**UPC-E Preamble=None  
Param #37 (0x25)**



**UPC-A Preamble=System  
Character  
Param #36 (0x24)**



**\*UPC-E Preamble=System  
Character  
Param #37 (0x25)**



**\*UPC-A Preamble=  
System Character & Country Code  
Param #36 (0x24)**



**UPC-E Preamble=  
System Character & Country Code  
Param #37 (0x25)**



**Disable Code 39 Check Digit  
Param #46 (0x2E)**



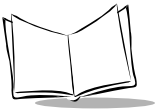
**Disable Code 39 Check Digit  
Param #46 (0x2E)**



**\*Disable Code 39 Check Digit Transmit  
Param #46 (0x2E)**



**Enable Code 39 Check Digit Transmit  
Param #46 (0x2E)**



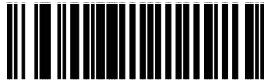
<sup>3</sup> 1 0 2 0 1 1 0

**\*Disable Code39 Full Ascii**  
**Param #54 (0x36)**



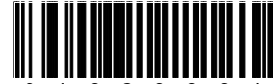
<sup>3</sup> 1 0 2 0 1 1 1

**Enable Code39 Full Ascii**  
**Param #54 (0x36)**



<sup>3</sup> 1 0 2 0 0 0 0

**\*Disable Convert UPC-E to UPC-A**  
**Param #41 (0x29)**



<sup>3</sup> 1 0 2 0 0 0 1

**Enable Convert UPC-E to UPC-A**  
**Param #41 (0x29)**



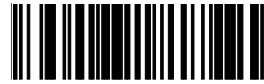
<sup>3</sup> 1 0 2 0 0 1 0

**\*Disable Convert EAN 8to EAN-13**  
**Param #42 (0x2A)**



<sup>3</sup> 1 0 2 0 0 1 1

**Enable Convert EAN 8to EAN-13**  
**Param #42 (0x2A)**



<sup>3</sup> 1 0 2 0 3 1 0

**\*Type is EAN 13**  
**Param #55 (0x37)**



<sup>3</sup> 1 0 2 0 3 1 1

**Type is EAN 8**  
**Param #55 (0x37)**



<sup>3</sup> 2 0 5 1 7 0 0

**\*Disable Code ID**  
**Param #16 (0x10)**



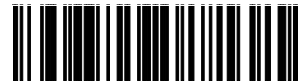
<sup>3</sup> 2 0 5 1 7 0 2

**Enable Code ID**  
**Param #16 (0x10)**



<sup>3</sup> 3 0 5 0 0 2 0 5 6 3

**Scanner On Time (def=3sec)**  
**0.5 to 9.9 sec in 100msec inc.**  
**Param #17 (0x11)**



<sup>3</sup> 3 5 5 0 5 2 0 7 1 4

**Accidental Trigger Time (def=100ms)**  
**.07to .20 sec in 10msec inc.**  
**Param #24 (0x18)**



<sup>3</sup> 2 0 5 0 8 0 3  
**Beeper Volume=Off**  
**Param #2 (0x02)**



<sup>3</sup> 2 0 5 0 8 0 2  
**Beeper Volume=Low**  
**Param #2 (0x02)**



<sup>3</sup> 2 0 5 0 8 0 1  
**Beeper Volume=Medium**  
**Param #2 (0x02)**



<sup>3</sup> 2 0 5 0 8 0 0  
**\*Beeper Volume=High**  
**Param #2 (0x02)**



<sup>3</sup> 2 0 5 1 1 0 0  
**\*UPC/EAN Security Level 0**  
**Param #47 (0x2F)**



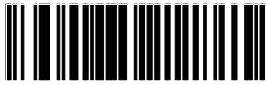
<sup>3</sup> 2 0 5 1 1 0 1  
**UPC/EAN Security Level 1**  
**Param #47 (0x2F)**



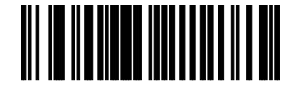
<sup>3</sup> 2 0 5 1 1 0 2  
**UPC/EAN Security Level 2**  
**Param #47 (0x2F)**



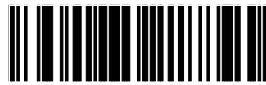
<sup>3</sup> 2 0 5 1 1 0 3  
**UPC/EAN Security Level 3**  
**Param #47 (0x2F)**



<sup>3</sup> 1 5 6 0 0 0 0  
**\*Reject Consecutive  
Redundant Bar codes disabled**  
**Param #4 (0x04)**



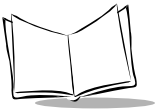
<sup>3</sup> 1 5 6 0 0 0 1  
**Reject Consecutive  
Redundant Bar codes enabled**  
**Param #4 (0x04)**



<sup>3</sup> 1 5 6 0 0 1 0  
**Host Connect Beep Disabled**  
**Param #10 (0x0A)**



<sup>3</sup> 1 5 6 0 0 1 1  
**\*Host Connect Beep Enabled**  
**Param #10 (0x0A)**



**Host Complete Beep Disabled**  
**Param #11 (0x0B)**



**\*Host Complete Beep Enabled**  
**Param #11 (0x0B)**



**\*Child Lockout Disabled**  
**Param #49 (0x31)**



**Child Lockout Enabled**  
**Param #49 (0x31)**



**Memory Full Beep Disabled**  
**Param #50 (0x32)**



**Memory Full Beep Enabled**  
**Param #50 (0x32)**



**\*Memory Low Beep Disabled**  
**Param #51 (0x33)**



**Memory Low Beep Enabled**  
**Param #51 (0x33)**



**\*Delete Enabled/Clear All Enabled**  
**Param #33 (0x21)**



**\*Delete Disabled/Clear All Disabled**  
**Param #33 (0x21)**



**\*Delete Disabled/Clear All Enabled**  
**Param #33 (0x21)**



**\*Delete Disabled/Clear All Disabled**  
**Param #33 (0x21)**



<sup>3</sup> 2 5 5 0 4 0 3

**\*Low Batt Indicate Enabled/  
Perform Enabled  
Param #7 (0x07)**



<sup>3</sup> 2 5 5 0 4 0 2

**Low Batt Indicate Enabled/  
Perform Disabled  
Param #7 (0x07)**



<sup>3</sup> 2 5 5 0 4 0 1

**Low Batt Indicate Disabled/  
Perform Enabled  
Param #7 (0x07)**



<sup>3</sup> 2 5 5 0 4 0 0

**Low Batt Indicate Disabled/  
Perform Disabled  
Param #7 (0x07)**



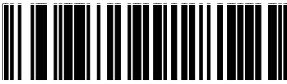
<sup>3</sup> 3 5 5 0 1 2 0 1 3 2

**Max Bar code Len=1-30  
(Default=20)  
Param #34 (0x22)**



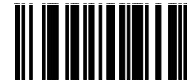
<sup>3</sup> 3 5 5 0 3 2 0 1 0 6

**Comm Awake Time (20sec -  
2 min. in 20 sec incr.)  
(Default=20 sec)  
Param #32 (0x20)**



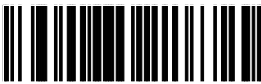
<sup>3</sup> 3 5 5 0 2 2 0 1 0 4

**Good Decode LED On-Time  
250msec - 1min. in 250 msec incr.)  
(Default=1 sec)  
Param #30 (0x1E)**



<sup>3</sup> 9 1

**Set Defaults**



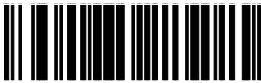
<sup>3</sup> 1 5 6 0 0 4 0

**\*Auto Clear after Upload Disabled  
Param #15 (0x0F)**



<sup>3</sup> 1 5 6 0 0 4 1

**Auto Clear after Upload Enabled  
Param #15 (0x0F)**



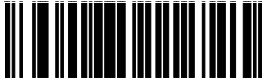
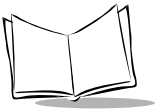
<sup>3</sup> 1 5 6 0 0 5 0

**\*Store Real Time Clock Disabled  
Param #35 (0x23)**



<sup>3</sup> 1 5 6 0 0 5 1

**Store Real Time Clock Enabled  
Param #35 (0x23)**



<sup>3</sup> 1 5 6 0 1 3 0

**Reset Baud Disabled**  
**Param #28 (0x1C)**



<sup>3</sup> 1 5 6 0 1 3 1

**\*Reset Baud Enabled**  
**Param #28 (0x1C)**



<sup>3</sup> 2 0 9 0 1 0 0

**Baud Rate 110**  
**(150 in CS 2000)**  
**Param #13 (0x0D)**



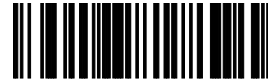
<sup>3</sup> 2 0 9 0 1 0 1

**Baud Rate 300**  
**Param #13 (0x0D)**



<sup>3</sup> 2 0 9 0 1 0 2

**Baud Rate 600**  
**Param #13 (0x0D)**



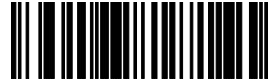
<sup>3</sup> 2 0 9 0 1 0 3

**Baud Rate 1200**  
**Param #13 (0x0D)**



<sup>3</sup> 2 0 9 0 1 0 4

**\*Baud Rate 2400**  
**Param #13 (0x0D)**



<sup>3</sup> 2 0 9 0 1 0 5

**Baud Rate 4800**  
**Param #13 (0x0D)**



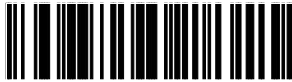
<sup>3</sup> 2 0 9 0 1 0 6

**Baud Rate 9600**  
**Param #13 (0x0D)**



<sup>3</sup> 2 0 9 0 1 0 7

**Baud Rate 19200**  
**Param #13 (0x0D)**



<sup>3</sup> 3 5 5 0 6 2 0 6 3

**Baud Switch Delay Time (Def=35)**  
**(0-.99sec in 10ms inc)**  
**Param #29 (0x1D)**



<sup>3</sup> 2 0 5 1 E 0 0

**\*1 2 of 5 Check Digit disabled**  
**Param #65 (0x41)**



I 2 of 5 Check Digit USS  
Param #65 (0x41)



I 2 of 5 Check Digit OPCC  
Param #65 (0x41)



\*Transmit I 2 of 5 Check Digit Disabled  
Param #64 (0x40)



Transmit I 2 of 5 Check Digit Enabled  
Param #64 (0x40)



\*Convert I 2 of 5 to EAN13 Disabled  
Param #63 (0x3F)



Convert I 2 of 5 to EAN13 Enabled  
Param #63 (0x3F)



\*I 2 of 5 Disabled  
Param #58 (0x3A)



\*I 2 of 5 Enabled  
Param #58 (0x3A)



\*I 2 of 5 One Discrete Length  
L2=0



I 2 of 5 Two Discrete Lengths (2-55)  
L1>L2

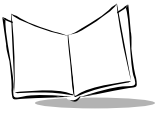


I 2 of 5 Length within Range (2-55)  
L1<L2

\*Param #59 (0x3B) - Length 1=14  
\*Param #60 (0x3C) Length 2=0



I 2 of 5 Any Length  
L1=L2



<sup>3</sup> 1 0 0 0 0 5 0

**\*D 2 of 5 Disabled**

**Param #57 (0x39)**



<sup>3</sup> 1 0 0 0 0 5 1

**D 2 of 5 Enabled**

**Param #57 (0x39)**



<sup>3</sup> F 1 0 1 0 6 0 7 0 2 3 7 0 0 0 0 5

**D 2 of 5 One Discrete Length (2-55)**

**L2=0**



<sup>3</sup> F 2 0 1 0 6 0 7 0 0 3 7 0 0 0 0 5

**D 2 of 5 Two Discrete Lengths (2-55)**

**L1>L2**



<sup>3</sup> F 3 0 1 0 6 0 7 0 2 3 7 0 0 0 0 5

**D 2 of 5 Length within Range (2-55)**

**L1<L2**

**\*Param #61 (0x3D) Length 1=12**

**\*Param #62 (0x3E) Length 2=0**



<sup>3</sup> F 0 0 1 0 6 0 7 0 2 3 7 0 0 0 0 5

**D 2 of 5 Any Length**

**L1=L2=0**



<sup>3</sup> A 0

**0**



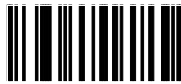
<sup>3</sup> A 4

**4**



<sup>3</sup> A 7

**7**



<sup>3</sup> A 1

**1**



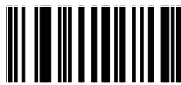
<sup>3</sup> A 5

**5**



<sup>3</sup> A 8

**8**



<sup>3</sup> A 2

**2**



<sup>3</sup> A 6

**6**



<sup>3</sup> A 9

**9**



<sup>3</sup> A 3

**3**