



CS-1504 User Parameters

Notes:

1. Although these parameters are derived from the CS-2000 parameter set, no provisions have been made to assure backwards compatibility with existing CyberPen or CS2000 applications.

There are no barcode changeable parameters in the CS-1504; they are only changeable by host command.

Parameter	Comments	Min/Max Values	Rev B Defaults	Param Num
Code 39		1=Enable / 0=Disable	Enabled	31 (0x1f)
UPC		1=Enable / 0=Disable	Enabled	9 (0x09)
Code128		1=Enable / 0=Disable	Enabled	8 (0x08)
Code 39 Full ASCII		1=Enable / 0=Disable	Disabled	54 (0x36)
UPC Supps		0=No Supps 1=Supps only 2=Auto-D	2=Auto-D	53 (0x35)
Convert UPC E to A		1=Enable / 0=Disable	Disabled	41 (0x29)
Convert EAN8 to EAN13		1=Enable / 0=Disable	Disabled	42 (0x2a)
Convert EAN8 to EAN13 Type	Set code type of converted EAN8 barcode to EAN8 or EAN13	1=Enable / 0=Disable	Disabled	55 (0x37)
Send UPC A Check Digit		1=Enable / 0=Disable	Enabled	43 (0x2b)
Send UPC E Check Digit		1=Enable / 0=Disable	Enabled	44 (0x2c)
Code 39 Check Digit		1=Enable / 0=Disable	Disabled	46 (0x2e)
Xmit Code 39 Check Digit		1=Enable / 0=Disable	Disabled	45 (0x2d)
UPCE_Preamble		0=None 1=System char 2=Sys char & country code	1 = System Char	37 (0x25)
UPCA_Preamble		0=None 1=System char 2=Sys char & country code	1 = System Char	36 (0x24)
EAN 128		1=Enable / 0=Disable	Enabled	52 (0x34)
Coupon Code		1=Enable / 0=Disable	Enabled	56 (0x38)
I 2of5		1=Enable / 0=Disable	Enabled	58 (0x3A)
I 2of5 Check Digit		0=Disabled 1=USS check digit 2=OPCC check digit	Disabled	65 (0x41)
Xmit I 2of5 Check Digit		1=Enable / 0=Disable	Disabled	64 (0x40)

Convert ITF14 to EAN 13		1=Enable / 0=Disable	Disabled		63 (0x3F)
I 2of5 Length 1, Length 2	One Discrete Length Two Discrete Lengths Length Within Range Any Length	L1 = length, L2 = 0 L1 > L2 L1 < L2 L1 = 0, L2 = 0	L1 = 14, L2 = 0		59 (0x3B) 60 (0x3C)
D 2of5		1=Enable / 0=Disable	Disabled		57 (0x39)
D 2of5 Length 1, Length 2	One Discrete Length Two Discrete Lengths Length Within Range Any Length	L1 = length, L2 = 0 L1 > L2 L1 < L2 L1 = 0, L2 = 0	L1 = 12, L2 = 0		61 (0x3D) 62 (0x3E)
Upcean Security Level		0 – 3	0		47 (0x2f)
UPC/EAN Supplemental Redundancy (No_supp_max)	# of times to decode UPC/EAN barcode without supplementals	2 – 20	5		48 (0x30)

Parameter	Comments	Min/Max Values	Rev B Defaults		Param Num
Scanner On-Time		1 sec. – 10 sec. in 100 msec increments	30 (3.0 sec)		17 (0x11)
Volume		0=Off 1=On	1 = On		2 (0x02)
Comm Awake Time	How long scanner will stay awake for host communication	1 – 6 (20 seconds – 2 minutes in 20sec. Increments)	(1) 20 seconds		32 (0x20)
Baud Rate		3 = 300 4 = 600 5 = 1200 6 = 2400 7 = 4800 8 = 9600 9 = 19200	9600		13 (0x0d)
Baud Switch Delay	How long scanner will delay before sending a response to a new baud rate command	0 – 1second in 10ms increments	35 (350 ms)		29 (0x1d)
Reset Baud Rates	Determines if default baud rate will be used on power-up	1=Enable / 0=Disable	Enabled		28 (0x1c)
Reject Redundant Barcode	Disabling will allow same barcode to be stored consecutively	1=Enable / 0=Disable	Disabled		4 (0x04)
Host Connect Beep		1=Enable / 0=Disable	Enabled		10 (0x0a)
Host Complete Beep		1=Enable / 0=Disable	Enabled		11 (0x0b)
Low-Battery Indication	Determines how low battery condition will be handled.	0=No indication / No operation 1=No Indication / Allow operation 2=Indicate / No operation 3=Indicate / Allow operation.	3		7 (0x07)
Auto_Clear	Clear barcodes after upload.	1=Enable / 0=Disable	Disabled		15 (0x0f)

Parameter	Comments	Min/Max Values	Rev B Defaults		Param Num
Delete_Enable	Determines operation of delete and clear all functions.	0= Delete Disabled/Clear All Disabled 1=Delete Disabled/Clear All Enabled 2=Delete Enabled/Clear All Disabled 3=Delete Enabled/Clear All Enabled 4=Radio Stamp 5=VDIU Voluntary Device Initiated Upload	3 = Delete Enabled /Clear All Enabled		33 (0x21)
Data Protection		1=Enable / 0=Disable	Disabled		49 (0x31)
Memory Full Indication		1=Enable / 0=Disable	Enabled		50 (0x32)
Memory Low Indication	EEPROM is 90% full	1=Enable / 0=Disable	Disabled		51 (0x33)
Max Barcode Len	Increased to 30 for Coupon Code	1 – 30	30		34 (0x22)
Good Decode LED On Time		250 ms. – 1 sec. in 250msec. Increments	4 (1.0 sec)		30 (0x1e)
Store_RTC	Store Real Time Clock data	1=Enable / 0=Disable	Enabled		35 (0x23)
ASCII mode	Allows user to choose how unencrypted data is to be sent.	0 = Like encrypted data (CS-1504 Mode) 1 = As ASCII strings (like CS-2000)	0		79 (0x4f)
Beeper Toggle	Allows user to toggle beeper On/Off with the scan key	0 = No 1 = Yes	1		85 (0x55)
Beeper Auto On	Automatically turns on a beeper toggled off by the scan key after 8 hours	0 = No 1 = Yes	0		86 (0x56)
Scratch Pad	A 32 byte storage area unused by the CS-1504. For customer use.	None	No Default Values		38 (0x26)