

CONFIGURATION GUIDE



CR1500

Configuration barcodes generated based on current firmware versions

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User Manual



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code

ADVANCED BARCODE READERS

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NOTE: Configuration changes will take effect immediately and be saved to memory

General Reading Mode Settings	Continuous Scan Mode On	Motion Detect/Continuous Scan Off (Out of Stand) - Default	Motion Detect Always On
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	500ms Motion Detection Delay - Default	Enable Cell Phone Reading Enhancement	Disable Cell Phone Reading Enhancement - Default
	 M20228_03 B1	 M20240_03 B2	 M20241_02 B3
	Set Motion Detect Maximum Brightness to 50%	Set Motion Detect Maximum Brightness to 75%	Set Motion Detect Maximum Brightness to 25%
	 M20246_01 C1	 M20245_01 C2	 M20244_01 C3
	Enable Target LED During Image Capture - Default	Disable Target LED During Image Capture	Reader Text Commands Off - Default
	 M20294_01 C4	 M20295_01 D1	 M20297_02 D2
	Enable Stand Detection - Default	Motion Detection On In Stand - Default	Reader Text Commands On
	 M20302_01 D3	 M20325_01 D4	 M20326_01 E1
	Beep On Vibrate On - Default	Beep Off Vibrate On	Beep On Vibrate Off
	 M20329_01 E2	 M20330_01 E3	 M20331_01 E4

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Beep Volume 33%  M20340_01 B1	Beep Volume 67%  M20341_01 B2	Beep Volume 100% - Default  M20342_01 B3	Intentionally Blank B4
Data Formatting (Prefix/Suffix) Settings	Disable Data Formatting - Default  M20223_02 C2	Prefix Comma  M20209_01 C3	Prefix Space  M20210_01 C4
Prefix Tab (USB Keyboard Mode Only)  M20218_02 D1	Prefix Tab (RS232 Mode Only)  M20211_01 D2	Erase Prefix Data  M20207_01 D3	Suffix Comma  M20215_01 D4
Suffix Space  M20216_01 E1	Suffix Enter (USB Keyboard Mode Only) - Default  M20219_02 E2	Suffix Tab (USB Keyboard Mode Only)  M20220_02 E3	Suffix Tab (RS232 Mode Only)  M20217 E4

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Suffix Carriage Return (RS232 Mode Only)	Suffix Carriage Return Line Feed (RS232 Mode Only) - Default	Suffix Line Feed (RS232 Mode Only)	Erase Suffix Data
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Prefix AIM ID Off - Default	Prefix AIM ID On	Symbology Settings	
 M20343_01 C1	 M20344_01 C2		
Australian Post Off - Default	Aztec On - Default	Aztec Off	Aztec Inverse & Normal On
 M20001_01 D1	 M20002_01 D2	 M20003_01 D3	 M20004_01 D4
Aztec Inverse Off - Default	Enable BC412 - Disable BC412 Reverse	Disable BC412 Regular and Reverse - Default	Canada Post On
 M20005_01 E1	 M20259_02 E2	 M20260_02 E3	 M20008_01 E4



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Canada Post Off - Default  M20009_01 A1	Reverse BC412 On  M20261_01 A2	Codabar On - Default  M20010_01 A3	Reverse BC412 Off - Default  M20262_02 A4
Codabar Off  M20011_01 B1	Codabar Checksum On  M20012_01 B2	Codabar Checksum Off - Default  M20013_01 B3	Remove Codabar Start and Stop Delimiters  M20014_01 B4
Keep Codabar Start and Stop Delimiters - Default  M20015_01 C1	Codablock F On  M20018_01 C2	Codablock F Off - Default  M20019_01 C3	Code 11 Checksum Stripped from Result On  M20022_01 C4
Code 11 Checksum Stripped from Result Off - Default  M20023_01 D1	Code 11 On  M20020_01 D2	Code 11 Off - Default  M20021_01 D3	Code 11 One Digit Checksum  M20032_01 D4
Code 11 Disable Checksum Checking - Default  M20031_01 E1	Code 11 Two Digit Checksum - Default  M20033_01 E2	Code 49 On  M20263_01 E3	Code 49 Off - Default  M20264_01 E4



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Code 128 Off  M20035_01 A1	Code 128 On - Default  M20034_01 A2	Code 32 (Italian Pharmacode) On  M20024_01 A3	Code 32 (Italian Pharmacode) Off - Default  M20025_01 A4
Code 39 On - Default  M20026_01 B1	Code 39 Off  M20027_01 B2	Code 39 Checksum On  M20028_01 B3	Code 39 Checksum Off - Default  M20029_01 B4
Code 39 Checksum Stripped from Result On  M20030_01 C1	Code 93 On - Default  M20265_01 C2	Code 93 Off  M20266_01 C3	Composite On  M20036_01 C4
Composite Off - Default  M20037_01 D1	Data Matrix On - Default  M20038_02 D2	Data Matrix Off  M20039_01 D3	Data Matrix Mirror On  M20042_01 D4
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Han Xin Off - Default  M20053_01 C1	Han Xin Mirror On  M20056_01 C2	Han Xin Mirror Off - Default  M20057_01 C3	Han Xin Inverse On  M20054_01 C4
Han Xin Inverse Off - Default  M20055_01 D1	Hong Kong 2 of 5 On  M20058_01 D2	Hong Kong 2 of 5 Off - Default  M20059_01 D3	Interleaved 2 of 5 On - Default  M20060_01 D4
Interleaved 2 of 5 Off  M20061_01 E1	Interleaved 2 of 5 Checksum On  M20062_01 E2	Interleaved 2 of 5 Checksum Off - Default  M20063_01 E3	Interleaved 2 of 5 Checksum Stripped from Result On  M20064_01 E4



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KIX (Dutch Post) Off - Default  M20068_01 B1	Korean Post On  M20069_01 B2	Korean Post Off - Default  M20070_01 B3	Matrix 2 of 5 On  M20071_01 B4
Matrix 2 of 5 Off - Default  M20072_01 C1	Maxicode On  M20073_01 C2	Maxicode Off - Default  M20074_01 C3	Micro PDF417 On  M20090_01 C4
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Mode 1 QR Code Off - Default  M20106_01 E1	MSI Plessey Checksum Must Be Mod 10  M20079_01 E2	MSI Plessey Checksum Off - Default  M20078_01 E3	MSI Plessey Checksum Stripped from Result On  M20082_01 E4



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NOTE: Configuration changes will take effect immediately and be saved to memory

MSI Plessey Checksum Stripped from Result Off - Default  M20083_01 A1	MSI Plessey Checksum Must Be Mod 11/10  M20081_02 A2	MSI Plessey Checksum Must Be Mod 10/10  M20080_02 A3	MSI Plessey On  M20075_01 A4
MSI Plessey Off - Default  M20076_01 B1	NEC 2 of 5 Checksum On - Default  M20086_01 B2	NEC 2 of 5 Checksum Off  M20087_01 B3	NEC 2 of 5 On  M20084_01 B4
NEC 2 of 5 Off - Default  M20085_01 C1	PDF417 On - Default  M20088_01 C2	PDF417 Off  M20089_01 C3	Pharmacode On  M20092_01 C4
Pharmacode Off - Default  M20093_01 D1	Pharmacode Normal Barcode Decoding (Left to Right) - Default  M20095_01 D2	Pharmacode Reverse Barcode Decoding (Right to Left)  M20094_01 D3	QR Code On - Default  M20096_01 D4
QR Code Off  M20097_01 E1	QR Code Standard Only - Default  M20098_01 E2	QR Code Mirror On  M20101_01 E3	QR Code Mirror Off - Default  M20102_01 E4

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QR Code Inverse and Normal On  M20100_01 A1	QR Code Inverse Only  M20099_01 A2	Telepen On  M20109_01 A3	Telepen Off - Default  M20110_01 A4
Output Telepen as Numeric - Default  M20117_01 B1	Output Telepen as ASCII  M20116_01 B2	Trioptic On  M20118_01 B3	Trioptic Off - Default  M20119_01 B4
Reverse Trioptic On  M20120_01 C1	Reverse Trioptic Off - Default  M20121_01 C2	Keep Trioptic Start and Stop Delimiters  M20122_01 C3	Remove Trioptic Start and Stop Delimiters - Default  M20123_01 C4
Straight 2 of 5 Off - Default  M20108_01 D1	Straight 2 of 5 On  M20107_01 D2	UK Plessey On  M20287_01 D3	UK Plessey Off - Default  M20288_01 D4
UK Royal Mail On  M20124_01 E1	UK Royal Mail Off - Default  M20125_01 E2	UPC/EAN On - Default  M20126_01 E3	UPC/EAN Off  M20127_01 E4



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UPC Supplemental On  M20128_01 A1	UPC Supplemental Off - Default  M20129_01 A2	UPC E Expansion On  M20132_01 A3	UPC E Expansion Off - Default  M20133_01 A4
Convert UPC-A to EAN-13  M20134_01 B1	Do Not Convert UPC-A to EAN-13 - Default  M20135_01 B2	Transmit UPC-A Check Digit  M20140_01 B3	Do Not Transmit UPC-A Check Digit - Default  M20141_01 B4
Transmit UPC-A Number System  M20142_01 C1	Do Not Transmit UPC-A Number System - Default  M20143_01 C2	Do Not Transmit UPC-E Check Digit - Default  M20145_01 C3	Transmit UPC-E Number System  M20146_01 C4
Do Not Transmit UPC-E Number System - Default  M20147_01 D1	Convert EAN-8 to EAN-13  M20130_01 D2	Do Not Convert EAN-8 to EAN-13 - Default  M20131_01 D3	Transmit UPC-E Check Digit  M20144_01 D4
Convert Bookland EAN-13 to ISBN  M20136_01 E1	Do Not Convert Bookland EAN-13 to ISBN - Default  M20137_01 E2	Convert Bookland EAN-13 to ISSN  M20138_01 E3	Do Not Convert Bookland EAN-13 to ISSN - Default  M20139_01 E4



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Transmit EAN-8 Check Digit  M20148_01 A1	Do Not Transmit EAN-8 Check Digit - Default  M20149_01 A2	Transmit EAN-13 Check Digit  M20150_01 A3	Do Not Transmit EAN-13 Check Digit - Default  M20151_01 A4
UPU ID Tags On  M20152_01 B1	UPU ID Tags Off - Default  M20153_01 B2	USPS Intelligent Mail On  M20154_01 B3	USPS Intelligent Mail Off - Default  M20155_01 B4
USPS Planet On  M20156_01 C1	USPS Planet Off - Default  M20157_01 C2	USPS Postnet On  M20158_01 C3	USPS Postnet Off - Default  M20159_01 C4
Enable GS1 DataBar Limited - Default  M20277_01 D1	Disable GS1 DataBar Limited  M20278_01 D2	Enable GS1 DataBar Expanded Stacked - Default  M20275_01 D3	Disable GS1 DataBar Expanded Stacked  M20276_01 D4
Enable GS1 DataBar Expanded - Default  M20273_01 E1	Disable GS1 DataBar Expanded  M20274_01 E2	Enable GS1 DataBar Stacked and GS1 DataBar Stacked Omnidirectional - Default  M20271_01 E3	Disable GS1 DataBar Stacked and GS1 DataBar Stacked Omnidirectional  M20272_01 E4

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Grid Matrix Inverse On  M20281_01 A1	Grid Matrix Inverse Off - Default  M20282_01 A2	Grid Matrix Mirror On  M20283_02 A3	BC412 On  M20006_01 A4
BC412 Off - Default  M20007_01 B1	Disable GS1 DataBar Omnidirectional and GS1 DataBar Truncated  M20268_01 B2	Grid Matrix Mirror Off - Default  M20284_02 B3	Royal Mail Checksum On  M20285_01 B4
Royal Mail Checksum Off  M20286_01 C1	Pharmacode Color On  M20289_01 C2	Pharmacode Color Off - Default  M20290_01 C3	Custom QR Code On  M20291_01 C4
Custom QR Code Off - Default  M20292_01 D1	Han Xin Normal and Inverse On  M20304_01 D2	Aztec Mirror On  M20318_01 D3	Aztec Mirror Off - Default  M20319_01 D4
Code 39 Extended Full ASCII Off - Default  M20320_02 E1	Code 39 Extended Full ASCII On  M20321_02 E2	Enable GoCode & GoCode Mirror Decoding  M20357_01 E3	Intentionally Blank E4



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Keyboard Language Settings	Set Portuguese for Windows as active language	Set Italian for Windows as active language	Keyboard Support: Simplified Chinese Keyboard Mapping for Windows
	 M20364_01 A2	 M20363_01 A3	 M20362_01 A4
	List Installed Languages	Get Active Language	Keyboard Support: US English Keyboard Mapping for Windows - Default
	 M20180_01 B1	 M20179_01 B2	 M20182_01 B3
Keyboard Support: English Keyboard Mapping for Apple	Keyboard Support: French-Belgian Keyboard Mapping for Windows	Keyboard Support: French Keyboard Mapping for Windows	Keyboard Support: French Keyboard Mapping for Apple
 M20184_01 B4	 M20181_01 C1	 M20185_01 C2	 M20186_01 C3
Keyboard Support: German Keyboard Mapping for Apple	Keyboard Support: German-Swiss Keyboard Mapping for Apple	Keyboard Support: German-Swiss Keyboard Mapping for Windows	Keyboard Support: German Keyboard Mapping for Windows
 M20187_01 C4	 M20188_01 D1	 M20189_01 D2	 M20190_01 D3
Keyboard Support: Italian Keyboard Mapping for Apple	Keyboard Support: Japanese Keyboard Mapping for Windows	Keyboard Support: Russian Keyboard Mapping for Windows	Keyboard Support: Spanish-Latin American Keyboard Mapping for Windows
 M20191_01 D4	 M20192_01 E1	 M20194_01 E2	 M20193_01 E3
Keyboard Support: Spanish Keyboard Mapping for Windows			
 M20195_01 E4			

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Keyboard Support: Spanish Keyboard Mapping for Apple  M20196_01 A1	Keyboard Support: UK English Keyboard Mapping for Windows  M20197_01 A2	Keyboard Support: US International (Universal) Keyboard Mapping for Windows  M20198_01 A3	Data Encoding: Raw ASCII to Keyboard XML File Lookup - Default  M20203_01 A4
Data Encoding: UTF8 to Unicode Codepoint - Alt Sequences for Windows  M20204_01 B1	Data Encoding: ASCII to Unicode Codepoint - Alt Sequences for Windows  M20205_01 B2	Control Character Input - Language Default - Default - Default  M20350_01 B3	Control Character Input - Ctrl + Character  M20351_01 B4
Control Character Input - Alt + Keypad  M20352_01 C1	Control Character Input -Alt + Leading Zero  M20353_01 C2	Operating System Settings  M20305_01 C4	
Alternate Operating System (Linux/Mac) Off - Default  M20306_01 D1	USB Settings  M20177_01 D3		USB Keyboard Mode - Default  M20178_01 D4
Enable HID POS Mode  M20225_01 E1	Enable CDC VCOM Mode  M20226_01 E2	Enable USB VCOM mode  M20250_01 E3	Enable USB OPOS/IPPOS Mode - Default  M20307_01 E4

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USB Virtual COM Multiple Ports	USB Virtual COM Common Ports	RS232 Settings		Reset to RS232 Factory Defaults
 M20346_01 A1	 M20347_01 A2			 M20112_01 A4
RS232 Interface - 1200 Baud Rate	RS232 Interface - 2400 Baud Rate	RS232 Interface - 4800 Baud Rate	RS232 Interface - 9600 Baud Rate	
 M20160_01 B1	 M20161_01 B2	 M20162_01 B3	 M20163_01 B4	
RS232 Interface - 19200 Baud Rate	RS232 Interface - 38400 Baud Rate	RS232 Interface - 57600 Baud Rate	RS232 Interface - 115200 Baud Rate - Default	
 M20164_01 C1	 M20165_01 C2	 M20166_01 C3	 M20167_01 C4	
RS232 Interface - 7 Data Bits	RS232 Interface - 8 Data Bits - Default	RS232 Interface - 1 Stop Bit - Default	RS232 Interface - 2 Stop Bits	
 M20168_01 D1	 M20169_01 D2	 M20170_01 D3	 M20171_01 D4	
RS232 Interface - Even Parity	RS232 Interface - No Parity	RS232 Interface - Odd Parity	RS232 Interface Flow Control On	
 M20172_01 E1	 M20173_01 E2	 M20174_01 E3	 M20175_01 E4	



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RS232 Interface Flow Control Off - Default	Enable Packet Mode	Enable Raw Mode - Default	Enable Serial, Raw, and Echo Communications
 M20176_01	 M20238_01	 M20239_01	 M20115_01
A1	A2	A3	A4
Enable RS232 OPOS/IPPOS Mode - Default	Enable RS232 Interface Flow Control - One-Way	Scan Delay Settings	Disable Duplicate Scan Delay - Default
 M20308_01	 M20309_01		 M20229_01
B1	B2		B4
1 Second Duplicate Scan Delay	2 Second Duplicate Scan Delay	3 Second Duplicate Scan Delay	5 Second Duplicate Scan Delay
 M20230_01	 M20231_01	 M20232_01	 M20233_01
C1	C2	C3	C4
10 Second Duplicate Scan Delay	30 Second Duplicate Scan Delay	1 Hour Duplicate Scan Delay	1 Day Duplicate Scan Delay
 M20234_01	 M20235_01	 M20236_01	 M20237_01
D1	D2	D3	D4
Miscellaneous Settings	Enable Upload Image Mode	Disable Upload Image Mode - Default	Intentionally Blank
	 M20242_01	 M20243_01	
	E2	E3	E4

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Reader/Modem Command Settings	Reader Information, limited, 1500  M20361_01 A2	Reset, Clear and Save Reader Settings	Reset to Factory Defaults  M20111_01 A4
	Save All Reader Settings  M20335_01 B1		Enable Verifone (Ruby) Defaults  M20293_03 B4
	Reboot Reader  M20345_01 B2	Custom Terminal Settings	
Enable Gilbarco  M20310_02 C1	Disable Gilbarco - Default  M20311_02 C2		Enable NCR  M20312_01 C3
			Disable NCR - Default  M20313_01 C4
Enable NCR2  M20314_01 D1	Disable NCR2 - Default  M20315_01 D2		Disable WINCNIX - Default  M20316_01 D3
			Enable WINCNIX  M20317_01 D4
Data Validation	Enable UDI/HIBC Validation  M20256_02 E2	Enable ISO15434 Validation  M20257_01 E3	Enable ISO15434 & ISO15418 Validation  M20258_01 E4

