

Technical Bulletin

Programming Datalogic/ PSC Scanners for Installation with ISS45

ISS45-TECH-05:36 Issue 4
May 28, 2008

The attached document provides the instructions for programming Datalogic/PSC Magellan and QuickScan products for use with ISS45. The labels to scan as well as the V7 and V8 configuration settings for both the hand-helds and single cable scanner/scale configurations are included. This Issue 4 updates the programming labels and instructions for additional configurations including QuickScan with USB.

The handheld and single cable scanner/scale settings ensure compatibility with the earlier Fujitsu hand-helds, 9900/9950 scanner/scale and server POST configurations.

To Your Success,

Larry

Larry Lack

StoreNext Technical Specialist

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Programming the DataLogic QS2500 Handheld, QS6500 Handheld, Magellan 1000i, Magellan 8200, 8300, 8400 and 8500 Scanner-Scale for ISS45

The following steps must be used to program the DataLogic scanners to work with the ISS45 software.

1. Labels to support the QS2500 handheld. (See attachment A)
2. Labels to support the QS6500. (See attachment B)
3. Labels to support the 8200/8600. (See attachment C)
4. Labels to support the 1000i (See attachment D)
5. Labels to support the 8300/8400. (See attachment E)
6. The V7 setup for the QS2500/QS6500/1000i handheld when connected to the POST COM port
 - a. Com: The COM port connection
 - b. IRQ: IRQ # of the COM Port above
 - c. Baud Rate: 9600
 - d. Data Bits: 8
 - e. Parity: Even
 - f. Handshake: checked
7. The V8 setup for the QS2500/QS6500/1000i handheld when connected to the POST COM port
 - a. Port: The COM port connection
 - b. Baud Rate: 9600
 - c. Parity: Even
 - d. Data bits: 8
8. The V7 setup for the 8200/8500 single cable scanner/scale
Note: Setup is done under the Scale section for the single cable scanner/scale
 - a. Type: Scan/Scale single
 - b. COM: The COM port connection
 - c. IRQ: IRQ of the COM port connection
 - d. Baud Rate: 9600
9. The V8 setup for the 8200/8500 single cable scanner/scale
Note: Setup is done under the Scale section for the single cable scanner/scale
 - a. Port: The COM port connection
 - b. Type: NCR 7870 Scanner/Scale
 - c. Baud Rate: 9600
 - d. Data bits: 7
 - e. Parity: Even
 - f. Display constant weight (customer specific to hardware setup)

Appendix A

QS 2500 Handheld Programming

Programming to set the QS2500 Back to Factory Defaults

Scan start then defaults and wait for beep

Start



Default



Start Programming



Parity EVEN



0



2



store settings



UPC-E Check Disat



O A C 3

0



/ 0 /

0



/ 0 /

store settings



% % +

Flow Control



3 A A N

0



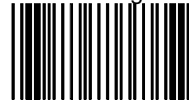
/ 0 /

1



/ 1 +

store settings



% % +

EXIT



% \$ \$ Y

Appendix B

Programming for QS6500 Handheld

Programming to set the QS6500 Back to Factory defaults

QS6500 Factory Default



Start



PARITY EVEN



Enable Hardware Flow control



Disable UPC-E Check Digit



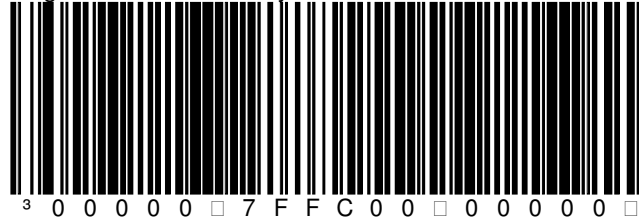
END



Appendix C

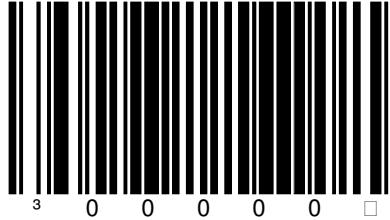
Magellan 82/8500 Single-cable RS232 Programming labels for ISS45 POS Application.

Magellan 82/8500 Factory Default



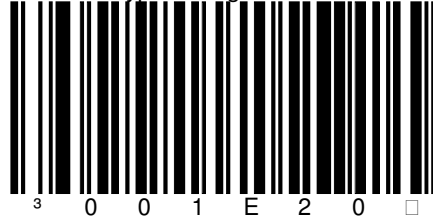
Use the Set/End bar code to ENTER Programming Mode.

Set/End

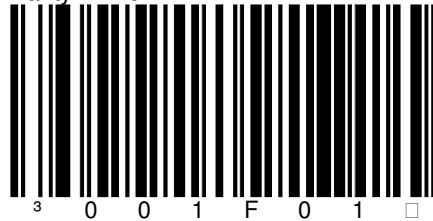


Separate then scan the following barcodes.

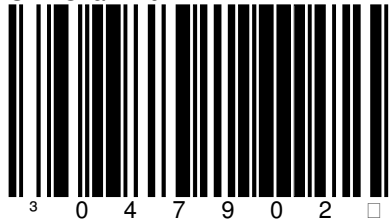
Interface Type = Singlecable RS232



Parity = Even



STX Char. = 02h



ETX Char. = 03h



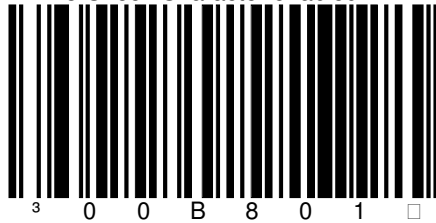
BCC = Send



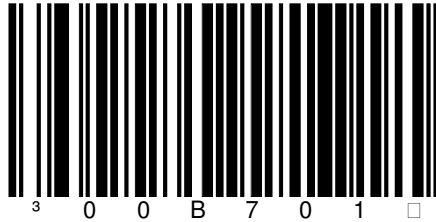
EAN 13 Check Character enabled



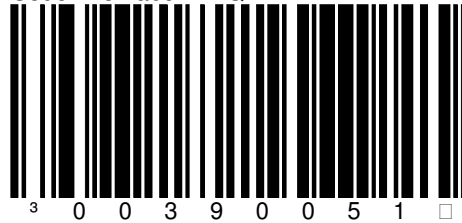
EAN 8 Check Character enabled



UPC A Check Character enabled

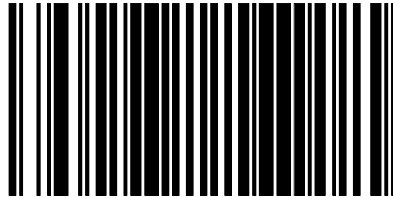


Code 128 Label ID=Q



Use the Set/End bar code to EXIT Programming Mode.

Set/End



Appendix D

Store Next Programming for the Magellan 1000i

Return to defaults



1. ³ 0 0 0 0 0 0 7 F F C 0 0 0 0 0 0

Start



2. ³ 0 0 0 0 0 0

Interface RS232



3. ³ 0 0 0 1 0 5

Parity Even



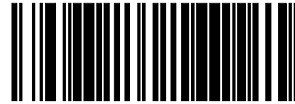
4. ³ 0 0 1 F 0 1

Enable Flow control



5. ³ 0 2 0 F 0 1

UPC-E Check Disable



6. ³ 0 0 4 0 0 0

Start



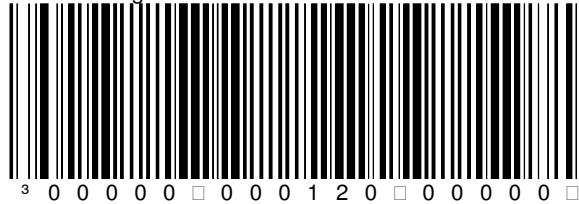
7. ³ 0 0 0 0 0 0

Appendix E

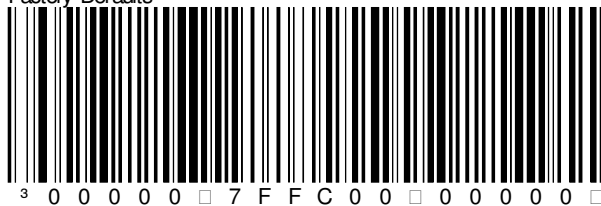
Programming Labels for the Magellan 8300 and 8400 Scanner/Scale

Note: Single cable RS-232 interface programming only for the ISS45 POS application

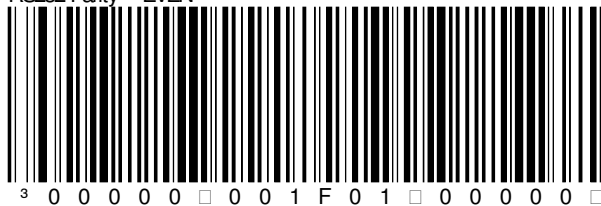
Set RS232 Single Cable Interface



Factory Defaults



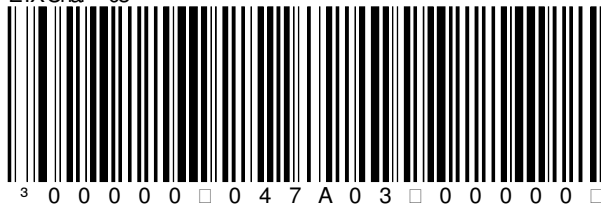
RS232 Parity = EVEN



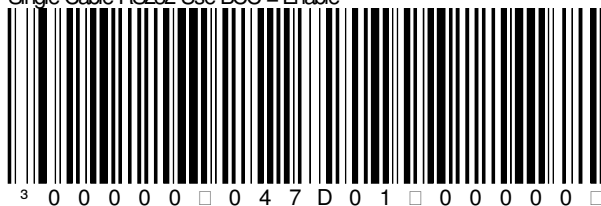
STX Char = 02



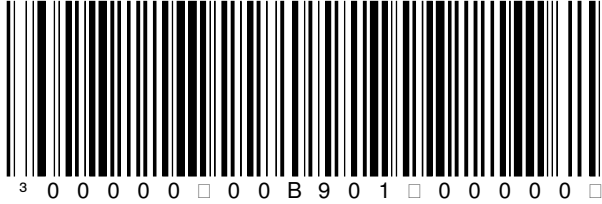
ETX Char = 03



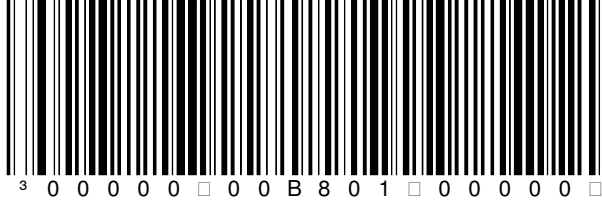
Single Cable RS232 Use BCC = Enable



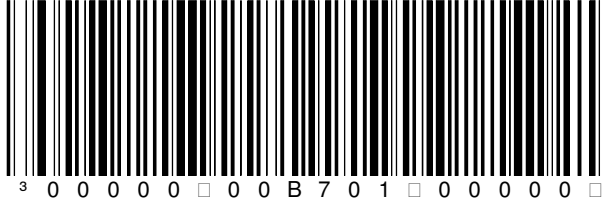
Enable EAN-13 Check Character Transmission



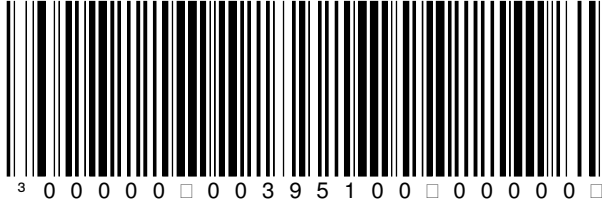
Enable EAN-8 Check Character Transmission



Enable UPC-A Check Character Transmission

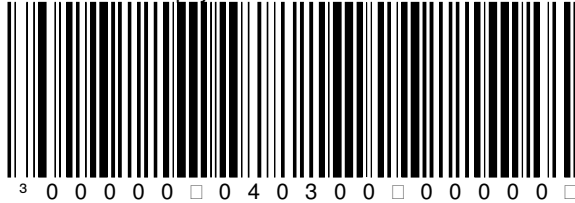


Code 128 Label ID = Q

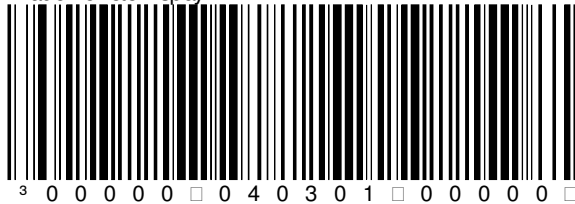


The above labels are the ones necessary to program the DataLogic 8300/8400 to work with ISS45
The following extra labels are included just in case more programming is required by the dealer

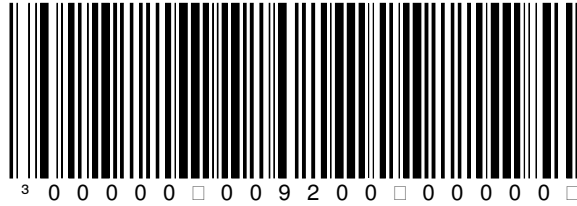
Disable Remote Display



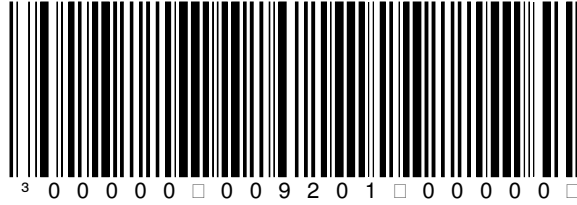
Enable Remote Display



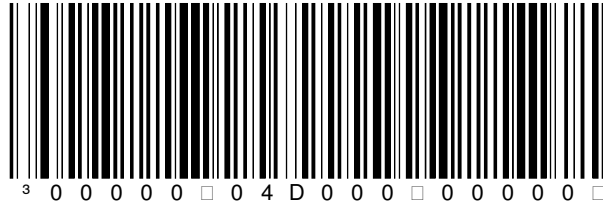
Disable Code 128



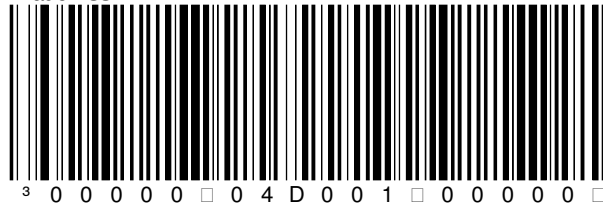
Enable Code 128



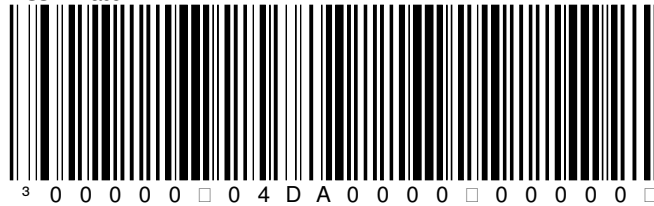
Disable RSS-14



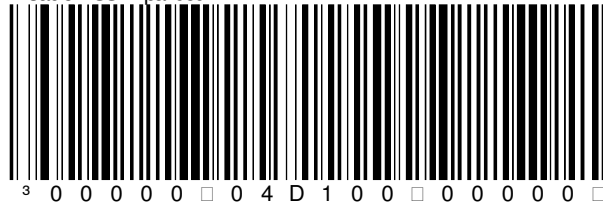
Enable RSS-14



RSS-14 Label ID = BLANK



Disable RSS-Expanded



Enable RSS-Expanded

