



I-150

Linear Imaging
Barcode Scanner



Programming Guide



Important Notice

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General Handling Precautions

- Do not dispose the scanner in fire.
- Do not put the scanner directly in the sun or by any heat source.
- Do not use or store the scanner in a very humid place.
- Do not drop the scanner or allow it to collide violently with other objects.
- Do not take the scanner apart without authorization

Guidance for Printing

This manual is in A5 size. Please double check your printer setting before printing it out. When the barcodes are to be printed out for programming, the use of a high-resolution laser printer is strongly suggested for the best scan result.

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Using the Scanner

1. Ensure that the scanner is connected to the host computer correctly.
2. Hold down the trigger button to activate the red aiming line and the white illumination pattern. The illumination pattern is used to illuminate the barcode. The aiming line is used to aim at the barcode and help to find the best reading distance. Keep red aiming line in the center of a bar code.
3. On a successful scan, there'll be a beep sound, illumination & aiming pattern will turn off. The scanner then transmits barcode message to the host computer.

NOTE: After scanning the same barcode a few times, it will be able to find a certain scanning distance range with higher successful reading rate. This range is the optimum reading distance.





Start Configuration

Settings and Programming

Scan selected barcodes in this manual to perform setup and programming of the handheld imaging barcode scanner. Decoding options and interface protocols can be tailored to a specific application.

Setup parameters are stored in non-volatile memory in the scanner and are retained even when power is off. Setup parameters change only when you reset them. You may need to hide adjacent code patches with your hand when scanning.

Programming operation steps

To program each scanner parameter, scan the setup barcodes in the following sequence.

1. Scan "**Start Configuration**" barcode to initiate set up.



2. Scan the barcodes for desired configuration.

3. Scan "**End Configuration**" barcode to confirm the setup.



End Configuration



Start Configuration

1. System Settings

Show Version

Scan this barcode to display firmware version.



Read device firmware version

Set Factory Default

Scan this barcode to return all parameters to the factory default values.



Factory default settings



End Configuration

Start Configuration

2. System Configurations

2.1 *Interface Selection*



<USB Keyboard>



USB_COM



End Configuration

Start Configuration

2.2 Keyboard Language



<U.S.A>



Spanish



Germany



Portugal



Hungary



Italian



French



Turkey



Brazil



Global Mode



End Configuration

Start Configuration

2.3 *Message Terminator*



None



Tab



<CR>



ESC



End Configuration

Start Configuration

2.4 *Scanner Operation Mode*



<Trigger On/Off>



Continuous/Trigger Off



Trigger On/Good read off



Presentation Mode



End Configuration

Start Configuration

2.5 *Buzzer Setup*

Power On Tone



<ON>



OFF



End Configuration

Start Configuration

3. Barcode Symbologies Configuration

3.1 UPC-A

Reading



OFF



<ON>

UPC-A convert to EAN-13



<OFF>



ON

3.2 UPC-E

Reading



OFF



<ON>

UPC-E Convert to UPC-A



<OFF>



ON



End Configuration



Start Configuration

3.3 EAN-13

Reading



3.4 EAN-8

Reading



3.5 Code 39

Reading



Format



Transfer Start / End Character



End Configuration



Start Configuration

ON

3.6 Codabar

Reading



OFF



<ON>

3.7 Code 93

Reading



OFF



<ON>

3.8 Code 128

Reading



OFF



<ON>

3.9 Interleaved 2 of 5

Reading



OFF



<ON>



End Configuration



Start Configuration

3.10 Industrial 2 of 5

Reading



3.11 Matrix 2 of 5

Reading



Transmit Check Character



3.12 MSI / Plessey

Reading



End Configuration

Start Configuration

3.13 Code 32

Reading



<OFF>



ON

3.14 Code 11

Reading



<OFF>



ON



End Configuration