Important Notice

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For CE-Countries

This scanner is in conformity with CE standards. Please note that an approved, CE-marked power supply unit should be used in order to maintain CE conformance.

Laser Safety

The laser scanner complies with safety standard IEC 60825 -1for a Class I laser produce. It also complies with CDRH as applicable to a Class IIa laser product. Avoid long term staring into direct laser light.

Radiant Energy: The laser scanner uses one low-power visible laser diodes operating at 650nm in an opto-mechanical scanner resulting in less than 3.9μ W radiated power as observed through a 7mm aperture and averaged over 10 seconds.

Do not attempt to remove the protective housing of the scanner, as unscanned laser light with a peak output up to 0.8mW would be accessible inside.

Laser Light Viewing: The scan window is the only aperture through which laser light may be observed from this product. A failure of the scanner motor, while the laser diode continues to emit a laser beam, may cause emission levels to exceed those for safe operation. The scanner has safeguards to prevent this occurrence. If, however, a stationary laser beam is emitted, the failing scanner should be disconnected from its power source immediately.

%Please download necessary program and documents from ZEBEX.com, Technical Download Section.

Scanner Outline



Communication Port —

Description	Function
Scan Window	Emits a red beam for barcode reading
LCD Screen	Display various data when a program is being run
Scan Key	The trigger of barcode reading
Down Key	Navigation key for menu selections or entering data
Function Key	Function key for menu selection and for turning the
	power off
Communication Port	Connect to charge the power or communicate with PC
LED Lamp	Lights up when charging or when a barcode is scanned
Uр Кеу	Navigation key for menu selection or entering data
Strap Hole	For attaching the neck strap



593-1060XE-001

Features

- Ultra small, ultra portable form factor
- Battery life up to 6,000 scans
- Superior scanning performance

PC System Requirements

- Windows XP Service Pack 2 or above
- Microsoft Internet Explorer 5.01 or later
- Microsoft Framework 2.0
- Disk Space Requirements: 280 MB (x86), 610 MB (x64)

Package Contents

Items contain in the package may vary depending on the model of the data collector.







Data Collector

USB Cable

RS-232 Cable (Optional; required for firmware update)

Neck Strap

Attaching Neck Strap

The included neck strap may prevent potential damage to the device if dropped.

- 1. Insert the small thin cord of the strap to the strap hole of the device.
- 2. Loop the thick cord of the strap through the thin loop.
- 3. Pull the strap tight.

Charging the Device

The Z-1160 runs on a build-in rechargeable battery and can scan more than 6,000

barcodes between charges and data downloads to a host device.

- 1. Connect the USB cable to device.
- Connect the other end of the USB cable to your PC. The LED should light up red indicating the charge had started.
- 3. Charge the batteries until the LED indicator turns off.

Power ON/OFF the Device

Press the \boxed{P} and \boxed{P} keys together to turn on the device. To turn off the device, press and hold \boxed{FN} at the boot screen.

Connecting to PC

To use the software supplied with the data collector, it must be connected to a PC.

Connecting via RS-232

RS-232 connection is required when updating the firmware. To connect the data collector to a PC via RS-232 port:

- Connect the mini USB end of the RS-232 cable to the communication port of the data collector.
- 2. Connect the other end of the cable to a RS-232 serial port on the computer.



3. Make sure the unit is turned on after the cable is connected.

Connecting via USB

To connect the data collector to a PC using the USB cable:

- Connect the mini USB end of the USB cable to the communication port of the data collector.
- 2. Connect the other end of the USB cable to the USB port on the computer.

3. Make sure the unit is turned on after the cable is connected.

Using the Data Collector

The data collector comes already programmed with a basic data collection program, Free Task, which can read and store barcodes, do simple edits, and upload data to a PC through the communication cable.

Menu Operation

- 1. Press the vand A keys together to turn on the power.
- 2. Press the FN key to bring up the boot screen.



Boot screen

3. Press the SCAN key to open the Main Menu.



Main Menu

4. The menu items show on LCD and the highlighted item indicates current selection. Use the and keys to change the item selection and confirm by pressing the SCAN key. You can also press the FN key at any time to exit the current screen.

Menu tree list

Menu	Description
Run Task	Select this option to start recording data. You can scan barcodes or enter the data manually.
Delete Data	Select this option to delete recorded data.
Setup	Select this option for: 1. LCD Contrast 2. Beep Volume 3. System Clock 4. Barcode Set 5. Communication 6. Auto Power Off
Upload	Select this option to upload recorded data.

Select the Run Task under Main Menu. The LCD shows <Rec>, for record number, and is ready to scan and collect data.

Rec 1 Field 1

Fn:Exit Dn:View

Free Task (Input) screen

Scanning the Barcode Data

Follow the steps below to scan a barcode.

- 1. Press the and keys together to turn on the power.
- At the Free Task screen, press the <u>SCAN</u> key and sweep the red light vertically across the barcode. You will hear a short beep on a successful scan and LED will flash green.