

# Z-6060 series

Omni-Directional Laser Scanner

## INTRODUCTION

The Z-6060 Series is a more compact omni-directional laser scanner than the forerunner. With a 1200 scans per sec performance, it projects a comprehensive, omni-directional scan pattern, creating a high-density scan volume that guarantees a very high first-pass read rate.

Apart from that, the Z-6060 series is also an extremely versatile product. It has the smallest footprint that saves more valuable counter space. The standard stand allows Z-6060 as a hand-free scanner, items passing at almost any rate in front of its generous scanning area will be scanned. The Z-6060 series is also a handheld scanner when removed from the stand with a simple lift and scan any items which may be too big in size for the counter. This ensures the maximum convenience for any retail application.

The Z-6060 series is designed with programmable "Sleep Mode" to ensure longer Laser Diode life and low power consumption and unprecedented Mean Time Before Failure rate. It guarantees users years of low cost and low maintenance operation.



Easily Lifted to work as a Handheld Scanner



Scanning Window tilted up and Down

## FEATURES

- High-performance hands-free presentation mode scanning for counter-top applications.
- Small footprint saves valuable counter space.
- Standard stand allows both hand-free and handheld performance for different operational needs.
- The scanning window can be tilted up and down.
- Easy-to-use ergonomic design maximizes operator efficiency while reducing operator fatigue associated with label orientation.
- Aggressive 1200 scans/sec., 20-line omni-directional scanning ensures impressive first read rate success on damaged or even truncated barcode labels.
- Automatically discriminates among all of the most popular symbologies including EAN/UPC/JAN + Add-on, Code 128, EAN 128, Code 39, Code 93, Code 32, Codabar, ITF, MSI and Chinese Post Code.
- Ideal for many applications including department stores, pharmacies or almost any retail application with its unique mechanical design.

- Designed with programmable "Sleep Mode" to ensure longer Laser Diode life and reduce operating cost.
- Low power consumption guarantees years of low cost and low maintenance operation.

**ZEBEX**  
TO BE THE BEST IN AUTO ID

## Z-6060 OMNI-DIRECTIONAL LASER SCANNER

### SPECIFICATIONS

#### OPTICAL

**Light Source** 650 ± 5nm visible laser diode  
**Depth of Field** 200mm (8 inch)  
**Scan Pattern** 5 directions scan field, 20 lines per scan pattern  
**Resolution** 0.127 mm (5 mil)

#### GENERAL

**DC Input** 6 ~ 12V volts DC  
**Power Consumption** 3.0 watts  
**Power Current** 300 mA@5V  
**Interfaces** RS-232C interface  
 Keyboard Emulation (IBM PC/AT, PS/2 compatible)  
 USB interface

#### ENVIRONMENTAL

**Operating Temp.** 0°C ~ 40°C  
**Storing Temp.** -20°C ~ 60°C  
**Humidity** 5% ~ 95% RH (non-condensing)  
**Ambient Light Rejection** 2500 LUX (fluorescence)  
**Print Contrast Value** 45% or more

#### MECHANICAL

**Weight** 187g (excluding stand)  
**Dimensions** Shown as diagram below  
**Cable** 2m straight (coiled for optional)

#### DECODING CAPABILITIES

**Barcode Types** EAN/UPC/JAN + Add-on, Code 93, Code 128, EAN 128, Code 39, Code 32, Codabar, Interleaved 2 of 5, MSI/Plessey, and Chinese Post Code

#### CERTIFICATION

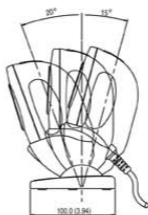
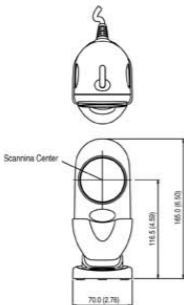
**Laser Safety** CPRH: Class II a; IEC 60825 Class I

#### EMC COMPATIBILITY

**Emission** EN 55022 Class A, FCC part 15 Class A  
**Immunity** EN 55024

*Specifications are subject to change without notice. All brand names and registered trademarks are the property of their owners. The word ZEBEX and the ZEBEX logo are registered trademarks of Zebex Industries Inc.*

©2002 ZEBEX Catalogue No. CAT-20522-01



UNITS : mm ( inch)

**ZEBEX**

HEADQUARTERS  
**ZEBEX INDUSTRIES INC.**  
 2F, 531-1, Chung Cheng Road,  
 Hsin-Tien City, Taipei, Taiwan  
 Telephone / +886-2-2219-2018  
 Facsimile / +886-2-2219-6070  
 WebSite / www.zebex.com.tw  
 E-mail / mail@zebex.com.tw

USA  
**ZEBEX AMERICA INC.**  
 11 Ilene Court, Unit #2,  
 Hillsborough, NJ 08844  
 Telephone / +1-908-359-2070  
 Facsimile / +1-908-359-1272  
 WebSite / www.zebex.com  
 E-mail / sales@zebex.com

GERMANY  
**ZEBEX Vertriebs-GmbH**  
 SImpellose 2,  
 D-61250 Usinger, Germany  
 Telephone / +49-1805-258443  
 Facsimile / +49-1805-258442  
 WebSite / www.zebex.de  
 E-mail / zebex@zebex.de

CHINA  
**ZEBEX INDUSTRIES (SHANGHAI) INC.**  
 Number 1998, Qixin Road,  
 Minhang District, Shanghai, China  
 Telephone / +86-21-5479-4420  
 Facsimile / +86-21-5479-4421  
 WebSite / www.zebex.com.tw  
 E-mail / zebex@21.cn.com