**ZEBEX**

**Manicon**

# Z-6070 series

Dual-Laser Technology

Z-SCAN Technology

**32**

32-Line Scan Pattern

**2 4 0 0** Scan / Sec

Superior Scan Rate

45°

Broadest Scan Field

www.zebex.com.tw

## Dual-Laser Omni-Directional Scanner

## Introduction

Z-6070 is the first dual-laser presentation scanner in the world with numerous record-breaking key features. Its pioneered application of dual laser diodes drastically enhances scanning power by doubling up scan lines, broadening scan angle and intensifying scan pattern across scan field. With this state-of-art technology, Z-6070 is able to deliver the most comprehensive 32-line scan pattern empowering 2400 scans per second, while the major industry players could only reach 1500 scans per second and with 20 scan lines at most. In addition, Z-6070 is equipped with Z-SCAN technology, which is an innovative ASIC hardware decode technology to provide real-time decode capability to effectively shorten customer transaction time.

Besides its world-leading scanning performance, Z-6070 is also an ultimate all-in-one scanner with many friendly features to meet end-users multiple requirements. Z-6070's broad scan field could effectively facilitate scanning bar codes on products in all kinds of shapes. Moreover, it is designed for both hand-free and handheld applications. To scan large merchandise that cannot be placed on the counter, sales clerks could easily pick up Z-6070 from its stand to perform the product scan. While scanning multiple bar codes on one object, sales clerks could switch it to single line scan mode simply by pressing one button. The adjustable stand design grants users the flexibility to set the easiest angle of scan. Furthermore, Z-6070 is programmed with multiple beeper tones and bar code data edition function for different applications.

## Features

· **Dual-Laser Technology**
Dual laser diodes drastically enhance scanning power by doubling up scan lines, broadening scan angle, and intensifying scan pattern across scan field.

· **Z-SCAN Technology**
Z-SCAN is an innovative ASIC hardware decode technology to provide real-time decode capability to reduce customer waiting time.

· **32-Line Scan Pattern**
With the most comprehensive 32-line scan pattern, Z-6070 could quickly scan approaching objects to effectively increase your productivity.

· **Superior Scan Rate**
2400 scans per second guarantees a very smooth transaction process to save you more time for the other customer service items.

· **Broadest Scan Field**
Z-6070 scans as wide as 45° of angle to assure effective scan and to minimize checkout hassles.

## Applications

· **Retail applications**
(e.g., convenience stores, grocery stores, book stores, department stores, specialty stores, pharmacies, drug stores, music stores)
 » Point-of-sale
 » Stock control

· **Library applications**
 » Check in/out counter
 » Publication sorting

· **Post applications**
 » Mail sorting

# Z-6070 Dual-Laser Omni-Directional Scanner

## Specification

### Operational

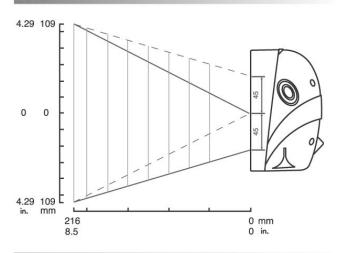| | |
|---|---|
| **Light Source** | Dual 650 nm visible laser diodes |
| **Scan Pattern** | 8 directions of scan field with total 32 lines |
| **Depth of Field** | 0 - 216 mm |
| **Width of Field** | 45 mm x 2 @ Contact, 218 mm @ 216 mm |
| **Scan Rate** | 2400 scans per second |
| **PCS Value** | 30%@ UPC/EAN 100% |
| **Minimum Bar Width** | 5 mil@PCS 90% |
| **Indicators (LED)** | Red: laser on, ready to scan<br>Green: good read (programmable) |
| **Beeper Operation** | Programmable 24 beeper tone options |
| **Decode Capability** | EAN/UPC/JAN +Add-on, Code 93, Code 128, EAN 128, Code 39, Code32, Codabar, Interleaved 2 of 5, MSI/Plessy, and Chinese Post Code |
| **Interface** | Keyboard, RS-232C, USB, Wand |

### Mechanical

| | |
|---|---|
| **Dimensions** | L 89.5 x W 85.0 x H 181.5 mm |
| **Weight** | 245 g (stand excluded) |
| **Tilt** | 8° forward; 6° backward |
| **Cable** | Standard 2m straight |

### Electrical

| | |
|---|---|
| **Power** | 1.25 watts |
| **Input Voltage** | 5VDC ± 10% |
| **Operating Current** | 250 mA@ 5V |
| **Laser Safety** | CPRH: Class II a: IEC 60825 Class I |
| **EMC** | CE and FCC DOC compliance |

### Environmental

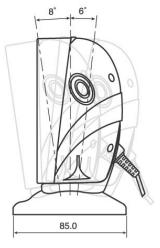| | |
|---|---|
| **Operating Temperature** | 0°C - 40°C |
| **Storage Temperature** | -20°C - 60°C |
| **Humidity** | 5% - 95% RH (non-condensing) |
| **Light Levels** | 2500 LUX (fluorescence) |

*Specifications are subject to change without notice.

**ISO 9001 : 2000**

### Scan Field



### Dimensions



Unit: mm