

Z-6030 SERIES OMNI-DIRECTIONAL LASER SCANNER



FEATURES

- High-performance hands-free presentation mode scanning for counter-top applications.
- Optional universal stand allows different operational heights.
- The scanning window can be tilted up and down, and adjusted left and right.
- Aggressive 2400 scans/sec., 24-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 32, Codabar and ITF.
- Small footprint saves valuable counter space.
- Easy-to-use ergonomic design maximizes operator efficiency while reducing operator fatigue associated with label orientation.
- Unique mechanical design allows Z-6030 to be installed on the counter surface or in a flexible stand ideal for many applications including department stores, pharmacies or almost any retail application.
- Designed with programmable "Sleep Mode" to ensure longer Laser Diode life and reduce operating cost.
- Low power consumption and unprecedented Mean Time Before Failure rate guarantees years of low cost and low maintenance operation.
- Auxiliary input port supports additional hand-held barcode input devices.

INTRODUCTION

The Z-6030 Series Omni-Directional Laser Scanner projects a comprehensive, omni-directional scan pattern, creating a high-density scan volume that guarantees a very high first-pass read rate.

With a 2400 scans per second performance, the Z-6030 series ranks among the fastest omni-directional laser scanners in the world today.

Apart from that, the Z-6030 is also an extremely versatile product. Items passing at almost any rate in front of its generous scanning area will be scanned. The height-adjustable stand ensures maximum convenience by allowing the scanner to be tilted up and down and turned left and right.

SPECIFICATIONS

OPTICAL

Light Source	650Ó5nm visible laser diode
Depth of Field	300mm (11.8inch)
Scan Pattern	7 direction scan field, 24 lines per scan pattern
Scan Rate	2400 scans/sec.

ELECTRICAL

DC Input	6 ~ 12V volts DC
Power Consumption	3.0 watts
Power Current	300 mA @ 9 V
Interfaces	RS-232C interface Keyboard emulation (IBM PC/AT, PS/2 compatible) USB interface

ENVIRONMENTAL

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

MECHANICAL

Weight	700g (excluding stand)
Dimensions	L x W x D : 160 x 150 x 75 (mm) 6.29 x 5.90 x 2.95 (inch)

DECODING CAPABILITIES

Barcode Types	EAN/UPC/JAN+Add-on	Code 128	EAN 128	Code 39
	Code 32	Codabar	ITF 2 of 5.	

CERTIFICATION

Laser Safety	CPRH: Class 0A: IEC 60825 Class I
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EMC compatibility

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