HANDHELD SCANNER

Z-3151HS
Advanced Handheld High-Speed Laser Scanner

The Z-3151HS is a high class handheld single-line laser scanner with a powerful scan engine. It utilized the omnidirectional technology to transform seven laser lines into one and performs a superb scanning speed at 500 scans per second. The built-in Z-SCAN$^+$ decoding technology guarantees real-time scanning and accuracy, ensuring an unbeatable first read success rate. The 32-bit MPU allows it to read most 1D barcode types, GS1 DataBar and PDF417.

• Decode most 1D barcodes, incl. GS1 DataBar & PDF 417
• Superb scanning ability
• Proprietary Z-SCAN+ technology
• Rugged and ergonomic form factor
• Flexible communications
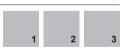• Honored by **iF Product Design Award 2009**

iF product design award 2009

1. Clear LED indicators
2. Small footprint stands
3. Svelte shaped with solid housing

OPERATIONAL	
Light Source	650 nm visible laser diode (VLD)
Microprocessor	32 bit
Depth of Field	5 mil: 50 – 110 mm 7.5 mil: 30 – 150 mm 10 mil: 30 – 180 mm 13 mil: 35 – 210 mm 20 mil: 20 – 280 mm 40 mil: 0 – 350 mm
Scan Angle	52°
Scan Rate	500 scans per second
Pitch/Roll/Skew Angle	65° / 30° / 65°
Print Contrast	30% @ UPC/EAN 100%
Indicator	Three-color LED (green, red & blue)
Beeper Operation	Programmable tone & beep time
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS
PHYSICAL	
Dimension	106.7 × 58.0 × 155.0 mm (device only)
Weight	148 g (stand excluded)
Cable	Standard 2M straight
POWER	
Input Voltage	5 VDC ±10%
Operating Current	250 mA
Power Consumption	1.25 watts
REGULATORY	
Laser Class	CDRH Class IIa; IEC 60825-1: Class 1
EMC	CE & FCC DOC compliance, VCCI, BSMI
ENVIRONMENTAL	
Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (non-condensing)
Light Level	4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1M drops
DECODING CAPABILITY	
1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF 2 of 5, IATA Code, MSI, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, JAP, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Telepen
2D Barcode	PDF417

ZEBEX

LASER SCAN | Z-SCAN PLUS | 500 SCAN RATE | 1.0M DROP TEST