HANDHELD SCANNER

ZEBEX
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Z-3151HS

Advanced Handheld High-Speed Laser Scanner

iF product design award 2009

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

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
- Streamline design and Large trigger for effortless operation
- Superb scanning ability
- Proprietary Z-SCAN+ technology
- Rugged and ergonomic form factor
- Flexible communications
- Honored by **iF Product Design Award 2009**

OPERATIONAL	
Light Source	650 nm visible laser diode (VLD)
Microprocessor	32-bit
Depth of Field	5 mil: 50 – 110 mm 10 mil: 30 – 180 mm 20 mil: 20 – 280 mm 7.5 mil: 30 – 150 mm 13 mil: 35 – 210 mm *(Note: DOF may vary depending on environment condition and barcode quality.)*
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	107.8 × 58.3 × 155.2 mm (device only)
Weight	130 g (stand excluded)
Cable	Standard 2M straight
POWER	
Input Voltage	5 VDC ±10%
Operating Current	180 mA @ 5V (Typical)
Power Consumption	1.25 watts
REGULATORY	
Laser Class	CDRH Class IIa; IEC 60825-1: Class 2
EMC	CE & FCC DOC compliant, 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

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

- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.

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