

# Z-3051HS

## Handheld High-Speed Laser Scanner



product  
design  
award

2009



- Powerful scanning performance
- Proprietary Z-SCAN<sup>+</sup> technology
- Streamlined, rugged and ergonomic design
- LED scan indicator and programmable beeper
- Flexible communications

The Z-3051HS is a handheld single-line laser scanner with ZEBEX own designed scan engine. The Z-3051HS inherits its powerful scanning performance of the handheld family products for up to 500 scans per second; it guarantees to bring in efficiency for any retail, office or warehouse environment.

The Z-3051HS is also enhanced through the built-in Z-SCAN<sup>+</sup> decoding technology. This one of a kind technology provides real-time scanning and hardware decoding capability that ensures an unbeatable first read success rate. Compared to other similar products on the market, it guarantees an impressive, fast and accurate scanning performance. It automatically reads and interprets the world's most popular 1D barcodes.

Ergonomically designed, this slender and lightweight handheld scanner is ruggedly encased; it comes with a standard stand with small footprint to save counter space. The LED display and beeper are programmable to cater to the users' own preference. Equipped with multi-interface communication, the Z-3051HS has an impressive scanning performance with competitive price that ensures hassle-free integration into virtually any retail environment.

### OPERATIONAL

<b>Light Source</b>	650 nm visible laser diode (VLD)
<b>Depth of Field</b>	35 – 200 mm (UPC/EAN 100%, PCS=90%)
<b>Scan Angle</b>	52°
<b>Scan Rate</b>	500 scans per second
<b>Pitch/Roll/Skew Angle</b>	65° / 30° / 65°
<b>Minimum Bar Width</b>	5 mil @ PCS=90% (Code 39)
<b>Print Contrast</b>	30% @ UPC/EAN 100%
<b>Indicators (LED)</b>	Three-color LED (green, red & blue)
<b>Beeper Operation</b>	Programmable tone & beep time
<b>System Interfaces</b>	Keyboard, RS-232C, HID USB, wand

### PHYSICAL

<b>Dimensions</b>	(L)106.7 × (D)58.0 × (H)155.0 mm (device only)
<b>Weight</b>	148 g (stand excluded)
<b>Cable</b>	Standard 2.0M straight

### POWER

<b>Input Voltage</b>	5 VDC ±10%
<b>Power Consumption</b>	1.0 watts
<b>Operating Current</b>	200 mA

### REGULATORY

<b>Laser Class</b>	CDRH Class IIa; IEC 60825-1: Class 1
<b>EMC</b>	CE & FCC DOC compliance, VCCI, BSMI

### ENVIRONMENTAL

<b>Operating Temperature</b>	0°C – 40°C (32°F – 104°F)
<b>Storage Temperature</b>	-20°C – 60°C (-4°F – 140°F)
<b>Humidity</b>	5% – 95% RH (non-condensing)
<b>Light Levels</b>	4,500 Lux (fluorescence)
<b>Drop Durability</b>	Designed to withstand 1.0M drops



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