

Hands-Free Scanners

Z-3051HS

Single-Line Laser Hands-Free Scanner



Features

- **Powerful scanning performance**
 - Up to 500 scans per second
- **Z-SCAN technology**
 - ZEBEX proprietary real-time hardware decoding ensures instant recognition and decoding of the most popular 1D barcodes
- **Streamlined, rugged design**
 - Easy-to-hold grip for comfortable use and with solid ABS plastic housing for long-lasting durability
- **LED scan indicator and programmable beeper**
 - For enhanced user feedback of scan status
- **Flexible communications**
 - Multiple interfaces include keyboard, RS-232C, USB, and wand

Applications

Point-of-sale
Stock control
Logistics tracking
Document tracking
Asset management

The Z-3051HS is a single line laser hands-free scanner with ZEBEX own designed scan engine that utilized its omnidirectional scanning engine technology. The Z-3051HS inherits its powerful scanning performance of the hands-free 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 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 hands-free 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 ensure hassle-free integration into virtually any retail environment.

The ZEBEX logo consists of three horizontal red bars of varying lengths stacked on top of each other, followed by the word 'ZEBEX' in a bold, black, sans-serif font.



Specifications

OPERATIONAL	
Light Source	650 nm visible laser diode
Depth of Field	35 - 200 mm for UPC/EAN 100%
Scan Angle	52°
Scan Rate	500 scans per second
Pitch/Roll/Skew Angle	65° / 30° / 65°
Minimum Bar Width	5 mil @ PCS 90%, Code 39
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Three-color LED (green, red & blue)
Beeper Operation	Programmable tone and beep time
System Interfaces	Keyboard, RS-232C, USB1.1, wand
PHYSICAL	
Height	201.7 mm
Depth	155.0 mm
Width	100.0 mm
Weight	148 g (stand excluded)
Cable	Standard 2m straight
POWER	
Input Voltage	5 VDC ±10%
Power Consumption	1.0 Watts
Operating	200 mA
REGULATORY	
Laser Class	CDRH Class II; IEC 60825-1: Class II
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 40°C
Storage Temperature	-20°C - 60°C
Humidity	5% - 95% RH (non-condensing)
Ambient Light Injection	4,500 LUX (fluorescence); 100,000 LUX (sunlight)
Shock	Designed to withstand 1m drops
PROGRAMMING	
Programming Methods	(a) Barcode manual; (b) RS-232 command via RS-232; (c) Windows AP configuration
Firmware	By flash memory

Dimensions

