

# HANDHELD SCANNERS



• Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.  
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## Z-3051BT

### Wireless Handheld Laser Scanner

The Z-3051BT gives wireless freedom in scanning within 100-meter connection range and with 32 KB flash memory for data storage when out of range.

- Wireless freedom
- Data connection flexibilities
- Flashing LED indication and programmable beeper
- Smart charging to prolong battery life
- Light-weighted and streamlined shape for easy handy operation

<b>OPERATIONAL</b>	
Light Source	650 nm visible laser diode (VLD)
Depth of Field	15 – 260 mm (UPC/EAN 100%, PCS=90%)
Scan Rate	100 scans per second
Number of Scan Lines	Single
Minimum Bar Width	5 mil @ PCS=90% (0.1 mm actually)
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Three-color LED (green, red & blue)
Beeper Operation	Programmable tone & beep time
System Interfaces	Keyboard, RS-232C, HID USB, wand
<b>PHYSICAL</b>	
Dimensions	106.7 × 58.0 × 155.0 mm (device only)
Weight	200 g (stand excluded); 563 g (stand included)
Cable	Standard 2M straight
<b>ELECTRICAL</b>	
Input Voltage	9V DC 1A at charging
Battery	2 AA NiMH rechargeable batteries
Operating Autonomy	Over 24,000 reads at full charged by scanning once per 10 seconds
Recharge Time	5 hours (max.)
<b>RADIO COMMUNICATION</b>	
Protocol	Serial Protocol Profile (SPP)
Radio Frequency	2.4 – 2.48 GHz
Working Range	Up to 100M / 75M (depends on operating environment)
<b>REGULATORY</b>	
Laser Class	CDRH Class II; IEC 60825-1: Class 1
EMC	CE & FCC DOC compliance
Radio	FCC TCB, EN 300 328, ARIB STD-T66
<b>ENVIRONMENTAL</b>	
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 Levels	4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1 M drops

