

# Z-3051BT

## Wireless Handheld Laser Scanner



- **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**

Z-3051BT, the desirable wireless single-line laser scanner, offers the opportunity of having an efficient working environment with 100% freedom, and thus having the pleasant business and customer. Shipping industry, cargo warehouses, superstores, pharmacies, and many more open-space or large-scale manufacturing sites will be delighted to enjoy this move-around freedom.

As far as 100M connection range, all scanned data are instantly transferred to the connected frequency hopping device which can be the cradle, the dongle or any device with serial protocol profile connectivity. Otherwise, the embedded flash memory provides sufficient data space while the stored data will be automatically passed over to the receiver once inside the range again.

Furthermore, light-weighted and streamlined, the Z-3051BT delivers hassle-free operations even during the rush hours. It scans sensitively and decodes most of popular 1D barcodes. In words, the Z-3051BT is more than a scanner but a trusted tool partner.

### OPERATIONAL

<b>Light Source</b>	650 nm visible laser diode (VLD)
<b>Depth of Field</b>	15 – 260 mm (UPC/EAN 100%, PCS=90%)
<b>Scan Rate</b>	100 scans per second
<b>Number of Scan Lines</b>	Single
<b>Minimum Bar Width</b>	5 mil @ PCS=90% (0.1 mm actually)
<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>	200 g (stand excluded); 563 g (stand included)
<b>Cable</b>	Standard 2.0M straight

### ELECTRICAL

<b>Input Voltage</b>	9V DC 1A at charging
<b>Battery</b>	2 AA NiMH rechargeable batteries
<b>Operating Autonomy</b>	Over 24,000 reads at full charged by scanning once per 10 seconds
<b>Recharge Time</b>	5 hours (max.)

### RADIO COMMUNICATION

<b>Protocol</b>	Serial Protocol Profile (SPP)
<b>Radio Frequency</b>	2.4 – 2.48 GHz
<b>Working Range</b>	Up to 100M / 75M (depends on operating environment)

### REGULATORY

<b>Laser Class</b>	CDRH Class II; IEC 60825-1: Class 1
<b>EMC</b>	CE & FCC DOC compliance
<b>Radio</b>	FCC TCB, EN 300 328, ARIB STD-T66

### 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

