Z-3051BT
Wireless Handheld Laser Scanner

LASER SCAN | 100 SCAN RATE | WIRELESS | 1.0M DROP TEST | **Bluetooth**

- **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 their 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 passes 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's scanning sensitively and decodes most of popular 1D barcodes. In words, the Z-3051BT is more than a scanner but a trusted tool partner.

OPERATIONAL

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

PHYSICAL

Dimensions	(L)106.7 × (D)58.0 × (H)155.0 mm (device only)
Weight	200 g (stand excluded); 563 g (stand included)
Cable	Standard 2.0M straight

ELECTRICAL

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.)

RADIO COMMUNICATION

Protocol	Bluetooth® 1.2 Serial Protocol Profile (SPP)
Radio Frequency	2.4 – 2.48 GHz
Working Range	Class 1 up to 100M / 75M (depends on operating environment)

REGULATORY

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

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 Levels	4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.0M drops

Healthcare | Library | Asset & Facility Management | Animal Husbandry | Warehouse Management | Post Office | Manufacturing

ZEBEX
www.zebex.com