HANDHELD SCANNER

Z-3191BT **NEW**

Wireless Gun Type Handheld Laser Scanner

Of rugged form factor and supreme scanning performance, Z-3191BT is able to work at a range up to 100M. Its gun type design and large trigger allow users to aim at target easily; the ergonomic outline creates comfort in holding even for long hour. It has a highly reliable exterior that can survive extremes of temperature and shock and vibration; they also include ZEBEX' proprietary decoding technology and firmware within the system, which behave reliably and predictably in all situations.

• Proprietary *Ultrascan* decoding technology
• 32-bit micro processor unit
• GS1 DataBar decoding capability
• Strong gun type design
• Wireless freedom at 100M/75M working range
• Smart charging to prolong battery life
• Flashing LED indication and programmable beeper

Factory Automation
Inventory Management
Point-of-Sale
Asset / Facility
Point-of-Care
Logistics
Document Tracking
Governmental Automation

| **1** | **2** |
| **3** | **4** |
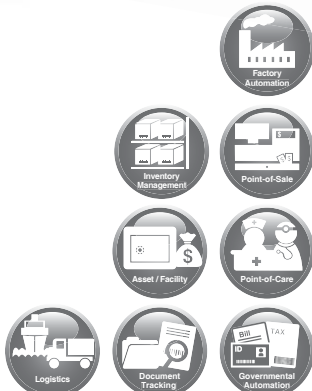
1. Wireless cradle for easy connection
2. Ergonomic gun-type handle & large trigger
3. Clear LED indicators
4. Synthetic rubber handle for max. protection

LASER SCAN | 32bit ULTRASCAN | 100 SCAN RATE | WIRELESS | 1.5M DROP TEST

ZEBEX

OPERATIONAL	
Light Source	650 nm visible laser diode (VLD)
Optical System	Linear laser
Image Sensor	Photo diode
Depth of Field	10 – 410 mm (UPC/EAN 100%, PCS=90%)
Scan Angle	47°
Pitch/Roll/Skew Angle	±65° / ±35° / ±50°
Scan Rate	100 scans per second
Min. Bar Width	0.1 mm (4 mil) (Code 39, PCS=90%)
Print Contrast	Min. 25% @ UPC/EAN 100%
Indicator	Beeper and LED; optional vibrator
Programmable Operation	Beeper tone & volume
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS
PHYSICAL	
Dimension	147.0 × 62.0 × 114.5 mm (device only); 176.4 × 101.6 × 133.6 mm (with cradle)
Weight	210 g (with battery); 500 g (with cradle)
Interface Cable	Field replaceable, standard 3M straight
POWER	
Input Voltage	5 VDC ±10%
Battery	3.7V, 2500 mAH, Li-ion battery
Operating Current	Charging: 700 mA (external power); Non-charging: 70 mA
Recharging Time	Approximately 4.5 hours via cradle; 6 hours via USB cable
Number of Scan	Over 150,000 scans at 1 scan per second per full charge
Battery Life	40 hours per full charge
RADIO COMMUNICATION	
Frequency	2.4 – 2.48 GHz (ISM band)
Radio Interface	Cradle host; SPP master; HID; slave
Working Range	Up to 100M / 75M with communication cradle (depends on operating environment)
REGULATORY	
EMC	CE & FCC DOC compliance, VCCI, BSMI
Safety	CDRH Class IIa; IEC 60825-1: Class 2
Radio	FCC Part 15C; CE EN 300 328; ARIB STD-T66 (Japan); NCC (Taiwan)
ENVIRONMENTAL	
Operating Temperature	0°C – 50°C (32°F – 122°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (non-condensing)
Light Level	0 – 100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M drops
Environmental Sealing	IP41
DECODING CAPABILITY	
1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF, Addendum 2 of 5, IATA Code, MSI/Plessy, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, DTF, JAP, Code 11, RSS 14, RSS Limited, RSS Expanded, Telepen

Delivery Combos:

Combo 1
Device + Mini USB Cable
• Charging directly from host
• Host must embedded with a Bluetooth module for communication

Combo 2
Device + Mini USB Cable + Adapter
• Charging directly from host
• Charging from wall plug using adapter
• Host must embedded with a Bluetooth module for communication

Combo 3 *(Recommended Best-Buy!)*
Device + Cradle + Interface Cable + Mini USB Cable + Adapter
• Complete set that fulfills charging and communicating requirement, ready to use set