



## Z-3191BT

### Handheld Gun-Type Wireless 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
- Smart charging to prolong battery life

#### Delivery Combos:

1. Device + Mini USB Cable
2. Device + Mini USB Cable + Adapter
3. Device + Cradle + Interface Cable + Mini USB Cable + Adapter  
**(Recommended Best-Buy!)**



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

Light Source	650 nm visible laser diode (VLD)
Optical System	Linear CCD array
Image Sensor	Photo diode
Depth of Field	4 mil: 30 – 90 mm      5 mil: 10 – 100 mm 7.5 mil: 10 – 250 mm    10 mil: 10 – 320 mm 13 mil: 20 – 400 mm    20 mil: 20 – 630 mm <i>(Note: DOF may vary depending on environment condition and barcode quality.)</i>
Scan Angle	47°
Pitch/Roll/Skew Angle	±65° / ±35° / ±50°
Scan Rate	100 scans per second
Print Contrast	Min. 30% @ UPC/EAN 100%
Indicator	Beeper and LED
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)
Weight	205 g (with battery); 500 g (with cradle)
Interface Cable	Field replaceable, standard 3M straight

#### POWER

Input Voltage	5 VDC ±10%
Battery	3.7V, 2,500 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 with communication cradle (depends on operating environment)

#### REGULATORY

EMC	CE & FCC DOC compliant, 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	Max. 4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.2M drops

