



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.
- ZEBEX is the trademark of ZEBEX INDUSTRIES INC, all rights reserved.

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 / 75M 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

