

## Z-3190BT

### Handheld Gun-Type Wireless CCD Scanner



Z-3190BT has wireless connection ability at up to 100M work range. It is able to communicate to devices like laptops and barcode printers, eliminating hazardous cables and providing walk-around freedom. This highly reliable scanner is ideal for daily retail industry, office environment as well as industrial sectors, the ultimate invention for users requiring competence, durability, and convenience.

- Proprietary **Ultrascan** decoding technology
- 32-bit micro processor unit
- GS1 DataBar decoding capability
- Strong gun-type design
- Flexible communication options
- Wireless freedom at 100M/75M working range
- Rugged gun-type design for tough working conditions and rough operations
- Smart charging to prolong battery life
- Captures barcodes on mobile phone, tablet, or computer screens

#### 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	617 nm visible red LED	
Optical System	Linear CCD array	
Image Sensor	2500 pixels CCD	
Depth of Field	Min. Bar Width: 3 mil	
	4 mil : 30 – 90 mm	5 mil : 30 – 130 mm
	7.5 mil : 10 – 190 mm	10 mil : 10 – 220 mm
	13 mil : 20 – 320 mm	20 mil : 10 – 360 mm
	<i>(Note: DOF may vary depending on environment condition and barcode quality.)</i>	
Scan Angle	42°	
Pitch/Roll/Skew Angle	±75° / ±25° / ±60°	
Scan Rate	330 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	200 g ( with battery ); 500 g ( with cradle )

#### 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	IEC 62471 Exempt
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

