HANDHELD SCANNER

Z-3190BT Plus (Preliminary)
Handheld Gun-Type Wireless CCD Scanner

Experience optimized, seamless, and hassle-free operations with the Z-3190BT Plus wireless scanner. Bid farewell to cable clutter as its expansive wireless connectivity extends up to 100 meters, offering unparalleled freedom of movement. Setting itself apart, the Z-3190BT Plus integrates a widely acclaimed lithium-ion rechargeable battery, ensuring sustained performance across numerous recharge cycles. This highly reliable scanner showcases GS1 DataBar decoding capability. It also features a robust gun-type design, ideal for harsh working conditions and rough operations. Moreover, with the ability to capture barcodes on mobile phones, tablets, or computer screens, the Z-3190BT Plus provides unmatched versatility. Elevate your workflow with the Z-3190BT Plus – an embodiment of efficiency and innovation, offering the ultimate solution for users seeking competence, durability, and convenience across various sectors.

• Proprietary Ultrascan decoding technology
• 32-bit micro processor unit
• GS1 DataBar decoding capability
• Strong gun-type design
• Flexible communication options
• Wireless freedom at 100M 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 + USB Type-C Cable
2. Device + USB Type-C Cable + Adapter
3. Device + Cradle + Interface Cable + USB Type-C Cable + Adapter
   (Recommended Best-Buy!)

OPERATIONAL

Light Source	617 nm visible red LED
Optical System	Linear CCD array
Microprocessor	32-bit
Depth of Field	Min. Bar Width: 4mil
	4 mil: 40 – 100 mm 5 mil: 40 – 140 mm
	7.5 mil: 20 – 200 mm 10 mil: 20 – 230 mm
	13 mil: 30 – 330 mm 20 mil: 30 – 380 mm
	(Note: DOF may vary depending on environment condition and barcode quality.)
Scan Rate	330 scans per second
Scan Angle	43°
Pitch/Roll/Skew Angle	±75° / ±25° / ±60°
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 x 62.0 x 114.5 mm
Weight	199 g (with battery)

POWER

Input Voltage	5 VDC ±10%
Battery	3.7V, 3,200 mAh, Li-ion battery
Operating Current	Charging : 500 mA (external power); Non-charging : 70 mA
Recharging Time	Approximately 5 hours via cradle; 7 hours via USB cable
Number of Scan	Over 300,000 scans at 6 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, UKCA
Safety	IEC 62471
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 1.2M drops

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 2 of 5, IATA Code, MSI, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, JAP, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Telepen

COMMUNICATION CRADLE

Model	RS-95
Dimensions	112.4 mm x Ø 102.4 mm
Weight	304g

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