



Z-3101

Advanced Handheld Laser Scanner

This handheld laser scanner Z-3101 is designed with a rugged finish by elastic rubber protection and a durable big size trigger for an easy operation even for the heaviest usage. It is embedded with ZEBEX most advanced decode technology, **Ultrascan**, to recognize all popular 1D barcodes on the market, including GS1, with superior scanning performance. The Z-3101 is ergonomically "Aim-And-Shoot" designed to use intuitively and minimizes operator training.

- Proprietary **Ultrascan** decoding technology
- Ergonomic ID design for operation comfort and durability
- Scanning signals of LED light and programmable beeper
- Flexible communications
- Superior scanning performance
- Audio and visual scanning signals



OPERATIONAL

Light Source	650 nm visible laser diode (VLD)
Microprocessor	32 bit
Depth of Field	10 – 220 mm (UPC/EAN 100%, PCS=90%)
Scan Rate	40 scans per second
Scan Angle	42°
Minimum Bar Width	0.125 mm (5 mil) (0.1 mm actually) (Code 39, PCS=90%)
Print Contrast	40% @ UPC/EAN 100%
Indicator	Blue LED
Beeper Operation	Programmable tone & beep time
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS

PHYSICAL

Dimension	152.3 × 64.4 × 104.9 mm (device only)
Weight	150 g (cable excluded)
Cable	Standard 2M straight

POWER

Input Voltage	5 VDC ±5%
Operating Current	120 mA

REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI
Safety	IEC 60825-1 Class 1

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. 10,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M 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, Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, DTF, JAP, Code 11, RSS 14, RSS Limited, RSS Expanded, Telepen
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1. Sleek lines in a simple form factor and ergonomic grip
2. Optional holder
3. Optional adjustable stand

