



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

1. Sleek lines in a simple form factor and ergonomic grip
2. Optional rubber holder
3. Optional adjustable stand



- 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)	
Microprocessor	32-bit	
Depth of Field	4 mil: 20 – 60 mm 7.5 mil: 0 – 160 mm 13 mil: 10 – 250 mm	5 mil: 20 – 90 mm 10 mil: 0 – 200 mm 20 mil: 10 – 300 mm
<i>(Note: DOF may vary depending on environment condition and barcode quality.)</i>		
Scan Angle	42°	
Scan Rate	100 scans per second	
Print Contrast	45% @ 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	92.3 g (without cable)
Cable	Standard 2M straight

POWER

Input Voltage	5 VDC ±10%
Operating Current	120 mA

REGULATORY

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

ENVIRONMENTAL

Operating Temperature	0°C – 40°C (32°F – 104°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 1.5M 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 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
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