HANDHELD SCANNER

Z-3101
Advanced Handheld Laser Scanner

LASER SCAN | **32bit ULTRASCAN** | **100 SCAN RATE** | **1.5M DROP TEST**

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

OPERATIONAL

Light Source	650 nm visible laser diode (VLD)
Microprocessor	32-bit
Depth of Field	4 mil: 0 – 60 mm 5 mil: 20 – 90 mm
	7.5 mil: 0 – 160 mm 10 mil: 0 – 200 mm
	13 mil: 10 – 250 mm 20 mil: 10 – 300 mm
	(Note : DOF may vary depending on environment condition and barcode quality.)
Scan Rate	100 scans per second
Scan Angle	42°
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 x 64.4 x 104.9 mm (device only)
Weight	92.3 g (without cable)
Cable	Standard 2M straight

POWER

Input Voltage	5 VDC ±10%
Operating Current	80 mA @ 5V (Typical)

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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