

HANDHELD SCANNER

- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
- **ZEBEX** is the trademark of ZEBEX INDUSTRIES INC, all rights reserved.



Z-3100

Advanced Middle-Range Handheld CCD Scanner

Z-3100 is the upgraded version of ZEBEX middle-range handheld CCD scanner with faster scan rate, longer scanning depth and better decoding ability. At a superior rate of 330 scans per second, ZEBEX proprietary **Ultrascan** hardware decoding technology empowers Z-3100 to decode the majority of 1D barcodes as well as GS1 DataBar. It has working range up to 300 mm and is able to decode a barcode wider than 102 mm.

- Proprietary **Ultrascan** decoding technology
- Streamline design and Large trigger for effortless operation
- 32 bit micro processor unit
- Analog image capture technology
- Support presentation scan mode
- 0 – 100,000 Lux light immunity



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

OPERATIONAL

Light Source	617 nm visible red LED
Optical System	Linear CCD array
Microprocessor	32 bit
Depth of Field	4 mil: 0 – 60 mm 5 mil: 0 – 100 mm 7.5 mil: 0 – 140 mm 10 mil: 0 – 180 mm 13 mil: 0 – 300 mm 20 mil: 0 – 350 mm
Scan Rate	330 scans per second
Scan Angle	42°
Print Contrast	Min. 30% @ 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	120 g (device only)
Cable	Standard 2M straight

POWER

Input Voltage	5 VDC ±5%
Operating Current	110 mA typical

REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI
Safety	IEC 62471 Exempt

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
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
------------	---

