



## Z-3110

### Advanced Handheld Contact CCD Scanner

Equipped with 32 bit microprocessor and ZEBEX proprietary Ultrascan decoding technology, Z-3110 is able to perform 200 scans per second, decoding most existing 1D barcodes, and GS1 DataBar is no exception. It has clear LED indicator and programmable beep tone to give immediate feedback to users. The newly designed large trigger button also helps with its effortless operation.

- Proprietary **Ultrascan** decoding technology
- Light and rugged design
- Analog image capture technology
- Multi-interface communication
- Ideal for first-time users



#### OPERATIONAL

Light Source	630 nm visible LED
Optical System	Linear CCD array
Microprocessor	32 bit
Depth of Field	0 – 20 mm (UPC/EAN 100%, PCS=90%)
Scan Rate	200 scans per second
Minimum Bar Width	0.1 mm (4 mil) (Code 39, PCS=90%, contact)
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

#### PHYSICAL

Dimension	171.3 x 91.1 x 63.0 mm (device only)
Weight	100 g (device only)
Cable	Standard 2M straight

#### POWER

Input Voltage	5 VDC $\pm$ 10%
Operating Current	110 mA typical

#### REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI
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#### 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. 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, 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. Light and rugged design
2. Optional rubber stand

