

HANDHELD SCANNERS

ZEBEX
ZEBEX INDUSTRIES INC.

• Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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Z-3190

Gun Type Handheld CCD Scanner

Z-3190 is an advanced handheld CCD scanner with 100,000 light resistance ability and rugged gun type form factor, ideal for tough working conditions and rough operation. Decoding with speed and accuracy, it is made to streamline your business and improve work efficiency.

- Proprietary Ultrascan decoding technology
- 32 bit micro processor unit
- GS1 DataBar decoding capability
- Analog image capture technology

OPERATIONAL	
Light Source	617 nm visible red LED
Optical System	Linear CCD array
Image Sensor	2500 pixels CCD
Depth of Field	20 – 320 mm (UPC/EAN 100%, PCS=90%)
Scan Angle	42°
Reading Angle	Pitch: ±75°; Skew: ±60°; Roll: ±25°
Scan Rate	330 scans per second
Min. Bar Width	0.07 mm (3mil) (Code 39, PCS=90%)
Print Contrast	Min. 20% @ UPC/EAN 100%
Reading Indicator	Beeper and LED, optional vibrator
Programmable Operation	Beeper tone & volume
System Interfaces	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS
PHYSICAL	
Dimensions	147 × 62 × 114.5 mm (device only)
Weight	120 g (device only)
Interface Cable	Field replaceable, standard 2M straight
POWER	
Input Voltage	5 VDC ±5%
Power Consumption	0.6W
Operating Current	110 mA typical
REGULATORY	
EMC	CE & FCC DOC compliance, VCCI, BSMI
Safety	IEC 60825-1 Class 1 LED
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 Levels	0-100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M drops
Environmental Sealing	IP41
DECODING CAPABILITY	
1D Barcodes	UPC/EAN/JAN, ISBN/ISSN, Code 39, Codabar, Code 128, Code 93, Interleave 2 of 5, MSI/Plessey, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, Code 11, GS1 DataBar, Telepen
2D Barcodes	PDF 417 (Optional)

