



Z-3190

Handheld Gun-Type CCD Scanner



Embedded with ZEBEX most advanced decoding technology, it can recognize most of the popular 1D barcodes on the market including GS1 and DataBar with superior scanning performance as high as 330 scans per second. Built with rugged, gun-type design, Z-3190 has a highly reliable exterior that can survive extremes of temperature and shock and vibration; it also includes ZEBEX' proprietary decoding technology and firmware within the system, which behave reliably and predictably in all situations.

- 32-bit proprietary **Ultrascan** decoding technology
- GS1 DataBar decoding capability
- Analog image capture technology
- Synthetic rubber handle for max. protection
- Captures barcodes on mobile phone, tablet, or computer screens

1. Ergonomic gun-type handle & large trigger
2. Clear LED indicators
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	617 nm visible red LED
Optical System	Linear CCD array
Image Sensor	2500 pixels CCD
Depth of Field	Min. Bar Width: 3 mil
	4 mil: 30 – 90 mm
	5 mil: 30 – 130 mm
	7.5 mil: 10 – 190 mm
	10 mil: 10 – 220 mm
13 mil: 20 – 320 mm	20 mil: 10 – 360 mm
	<i>(Note: DOF may vary depending on environment condition and barcode quality.)</i>
Scan Angle	42°
Pitch/Roll/Skew Angle	±75° / ±25° / ±60°
Scan Rate	330 scans per second
Print Contrast	Min. 30% @ UPC/EAN 100%
Indicator	Beeper and LED
Programmable Operation	Beeper tone & volume
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS
PHYSICAL	
Dimension	147.0 × 62.0 × 114.5 mm (device only)
Weight	135 g (device only)
POWER	
Input Voltage	5 VDC ±10%
Power Consumption	0.6 watts
Operating Current	110 mA typical
REGULATORY	
EMC	CE & FCC DOC compliant, 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 (fluorescence)
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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