



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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تهران، خیابان فاطمی غربی، بین سیندخت
و اعتمادزاده، روبروی سازمان شیلات ایران،
پلاک ۳۱۵، طبقه ۲

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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