Z-3192 Series
Handheld Gun-Type 2D Image Reader

2D | **LCD Friendly** | **1.5M DROP TEST**

Z-3192 Series is the next generation rugged, gun-type 2D image readers built for tough environments. The new design optimizes functionality and toughness to offer the most complete package in performance and wear resistance. The powerful 2D image reader is perfect for working places that deal with mass information and require strict accuracy, such as healthcare, medical service and information kiosk. Find the scanner that is suitable for your needs: Z-3192SR (standard), and Z-3192HD (high density decoding).

- Powerful image sensor yields advanced scanning performance
- Ergonomic, rugged design
- Support multiple code formats
- Captures barcodes on mobile phone, tablet, or computer screens

Point-of-Sale | **Document Tracking** | **Governmental Automation**

1. Presentation mode capable when in its plain form stand
2. Large scanning window, ergonomic & elegant shaped
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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MODEL	Z-3192SR	Z-3192HD
Description	Standard working range	High density decoding
OPERATIONAL		
Aiming Element	650 nm visible laser diode (VLD)	
Illumination Element	625±5 nm	
Optical System	752H×480V pixels (wide VGA)	
Field of View	39.6° horizontal; 25.7° vertical	38.4° horizontal; 24.9° vertical
Focusing Distance	20.3 cm / 8 inch	
Sensitivity	360° (omnidirectional rotational sensitivity)	

DOF		Z-3192SR	Z-3192HD
DOF	PDF 417 (4.33 mil)		40 – 90 mm
	Code 39 (5 mil)	40 – 190 mm	15 – 130 mm
	Code 39 (13 mil)	30 – 420 mm	30 – 200 mm
	PDF 417 (10 mil)	30 – 280 mm	15 – 120 mm
	DataMatrix (10 mil)	60 – 170 mm	20 – 100 mm

(Note: DOF may vary depending on environment condition and barcode quality.)

Print Contrast	Min. 30% @ UPC/EAN 100%
Indicator	Beeper and LED
Programmable Operation	Power mode, beeper tone & volume, focus control, image control, trigger mode
Image Format	BMP (*.bmp), TIFF (*.tif), JPEG (*.jpg)
System Interface	RS-232, USB 1.1
PHYSICAL	
Dimension	147.0 × 62.0 × 114.5 mm (device only)
Weight	200 g
Interface Cable	Field replaceable, standard 2M straight
POWER	
Input Voltage	5 VDC ±5%
Power Consumption	1.4 watts
Operating Current	280 mA typical
REGULATORY	
EMC	CE & FCC DOC compliant
ENVIRONMENTAL	
Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (non-condensing)
Light Level	Max. 100,000 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 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
2D Barcode	PDF 417, MicroPDF 417, MaxiCode, DataMatrix, DataMatrix Inverse, QR Code, QR Inverse, MicroQR Code, Aztec Code, Aztec Inverse, Postal Code