

## Z-3192 Series

### Handheld Gun-Type 2D Image Reader



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



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	5 mil (Code 39)	65 – 150 mm	4.33 mil (PDF 417)	40 – 90 mm
	10 mil (PDF 417)	25 – 200 mm	10 mil (PDF 417)	20 – 120 mm
	10 mil (DataMatrix)	50 – 310 mm	5 mil (Code 39)	20 – 110 mm
	13 mil (UPCA)	55 – 340 mm	13 mil (UPCA)	45 – 170 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			