



Z-3152 Series

Handheld 2D Image Reader



The Z-3152 Series, advanced handheld barcode scanners for decoding one- and two-dimensional barcode symbologies, the perfect devices for fast-moving working environment, such as for shipping industry to ensure parcels are delivered to right destinations, for government administration to manage heavy and complex citizen services, for custom control to accurately and efficiently process custom investigations. The Z-3152 Series scanners come with 2 different versions, each designed with your needs in mind.

- Powerful image sensor yields advanced scanning performance
- Ergonomic, rugged design
- Support multiple code formats



1. Clear LED indicators
2. Small footprint stands
3. Svelte shaped with solid housing



- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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MODEL		Z-3152SR	Z-3152HD
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	7.4 cm / 2.9 inch
Sensitivity		60° (omnidirectional rotational sensitivity)	
DOF	PDF 417 (4.33 mil)		40 – 90 mm
	Code 39 (5 mil)	40 – 190 mm	20 – 140 mm
	Code 39 (13 mil)	40 – 400 mm	40 – 190 mm
	PDF 417 (10 mil)	30 – 280 mm	20 – 130 mm
	DataMatrix (10 mil)	60 – 150 mm	30 – 120mm
(Note: DOF may vary depending on environment condition and barcode quality.)			
Print Contrast		30% @ UPC/EAN 100%	
Indicator		Two-color LED (green & red)	
Programmable Operation		Power mode, beeper tone, focus control, image control & trigger mode	
Image Format		BMP(*.bmp), TIFF(*.tif), JPEG(*.jpg)	
System Interface		RS-232, USB1.1	
PHYSICAL			
Dimension		107.8 × 58.3 × 155.2 mm (device only)	
Weight		112 g (stand excluded)	
Cable		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. 96,900 Lux (fluorescence)	
Drop Durability		Designed to withstand 1M 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	