

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.
- ZEBEX is the trademark of ZEBEX INDUSTRIES INC, all rights reserved.

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