

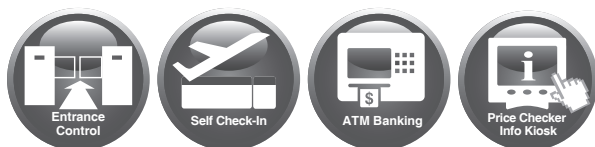


## Z-5152 Series 2D Image Scan Module



Featured to decode most popular 1D and 2D barcodes, the Z-5152 Series is designed with die-casting housing suits for most rugged embedded applications and boosting for guaranteed performance. The Z-5152 Series is designed to upgrade everyone's productivity, and broaden the applications widely with 2D barcode scanning capability. For shipping industry, hospital, warehouse, factory, supermarket, to government administration, the Z-5152 Series can manage heavy and complex services accurately and efficiently.

- Support multiple code formats
- Intelligent and industrial housing design
- Decode most 1D & 2D barcodes
- Captures barcodes on mobile phone, tablet, or computer screens



1. Cubic design with aluminum die-casting housing
2. Back mounting holes



- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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MODELS		Z-5152SR	Z-5152HD
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		360° (omnidirectional rotational sensitivity)	
DOF	PDF 417 (4.33 mil)		30 – 100 mm
	Code 39 (5 mil)	40 – 200 mm	40 – 130 mm
	Code 39 (13 mil)	30 – 410 mm	50 – 180 mm
	PDF 417 (10 mil)	30 – 260 mm	30 – 130 mm
	DataMatrix (10 mil)	80 – 120 mm	40 – 110 mm
(Note: DOF may vary depending on environment condition and barcode quality.)			
Print Contrast		30% @ UPC/EAN 100%	
Indicator		Green LED	
Programmable Operation		Power mode, beeper tone, focus control, image control	
Image Format		BMP(*.bmp), TIFF(*.tif), JPEG(*.jpg)	
System Interface		RS-232, USB1.1	
PHYSICAL			
Dimension		66.9 × 52.9 × 32.0 mm	
Weight		210 g	
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.100,000 Lux (fluorescence)	
Drop Durability		Designed to withstand 1.2M 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	