

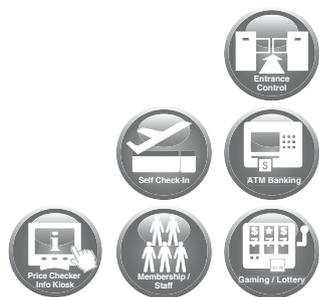
Z-5152 Series

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



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

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)	
Resolution	4 mil (PDF 417), 5 mil (Code 39), HD focus only	
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 compliance	
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, IIF, Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, DTF, JAP, Code 11, RSS 14, RSS Limited, RSS Expanded	
2D Barcode	PDF 417, MicroPDF 417, MaxiCode, DataMatrix, DataMatrix Inverse, QR Code, QR Inverse, MicroQR Code, Aztec Code, Aztec Inverse, Postal Code	

