

SCAN MODULES

* Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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Z-5152 Series 2D Image Scan Module

Featured to decode most popular 1D and 2D barcodes, the Z-5152 Series is designed with dye-casting housing suits for most rugged embedded applications and boosting for guaranteed performance.

- Multiple code format support
- Advanced scanning performance
- Intelligent and industrial housing design
- Flexible communications

| MODELS | Z-5152SR | Z-5152HD | Z-5152DL |
|------------------------|---|-------------------------------------|-------------------------------------|
| Description | Standard working range | High density decoding | Driver's license optimized |
| 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 | 39.2° horizontal; 25.4° vertical |
| Focusing Distance | 20.3 cm / 8 inch ; 7.4 cm / 2.9 inch ; 13.5 cm / 5.3 inch | | |
| Sensitivity | 360° (omnidirectional rotational sensitivity) | | |
| Resolution | 4 mil (PDF 417), 5 mil (Code 39), HD focus only | | |
| Print Contrast | 30% @ UPC/EAN 100% | | |
| Indicators (LED) | Green LED | | |
| Programmable Operation | Power mode, beeper tone, focus control, image control | | |
| Image Format | BMP(*.bmp), TIFF(*.tif), JPEG(*.jpg) | | |
| System Interfaces | RS-232C, USB1.1 | | |
| PHYSICAL | | | |
| Dimensions | 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 Levels | Max. 100,000 Lux (fluorescence) | | |
| Drop Durability | Designed to withstand 1.2M drops | | |

