



Kestronics Ltd.

Developing innovative solutions

sales@kestronics.co.uk

- **Batteries for all kinds of Handheld Terminals, Printers and Barcode Readers**
- **Money Handling / Counterfeit Detectors**
- **Magnetic Card Readers / Writers**
- **Smart Card Readers / Writers**
- **Portable Swipe Card Readers**
- **Thermal Printheads**
- **Barcode Scanners / Readers**
- **OEM Barcode Modules**
- **Signature Pads**
- **Handheld Terminals / PDA**
- **Chip and Pin Terminals**
- **Mifare and RFID Readers / Writers**
- **POS Printers and Consumables**
- **Portable Printers and Consumables**
- **Label Printers and Consumables**
- **Kiosk Printers and Consumables**
- **Loyalty Card Printer and Consumables**
- **Plastic Card Printer and Consumables**
- **Industrial Keyboards / Trackball**
- **Visitor Management System**



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A-52M

2D Image Scan Module



◀ Back mounting holes



▲ Actual size

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

A-52M, a scan module for decoding one- and two-dimensional barcode symbologies, now comes with an aluminum dye-casting housing for more solid and rugged fitment into any application system.

The A-52M 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 A-52M manages heavy and complex services accurately and efficiently.

Integrate ZEBEX quality and performance into your equipment with the A-52M.

OPERATIONAL

Aiming Element	650 nm visible laser diode (VLD)
Illumination Element	635 nm visible LED
Optical System	640x480 pixels (VGA type CCD)
Field of View	32.2° (horizontal); 24.5° (vertical)
Sensitivity	360° (omnidirectional rotational sensitivity)
Resolution	6.67 mil (PDF 417), 5 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	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 Interfaces	RS-232C, USB1.1

PHYSICAL

Dimensions	(L)66.9 × (W)52.9 × (H)32.0 mm
Weight	210 g
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ±5%
Power Consumption	1.5 watts
Operating Current	350 mA

REGULATORY

EMC	CE & FCC DOC compliance
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ENVIRONMENTAL

Operating Temperature	-20°C – 40°C (-4°F – 104°F)
Storage Temperature	-40°C – 70°C (-40°F – 158°F)
Humidity	5% – 95% RH (non-condensing)
Light Levels	Max. 100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.2M drops