

# Scan Modules & Others

## A-50M

Omnidirectional Laser Scan Module



### Features

- **Superior scanning performance**
  - High-performance omnidirectional scan engine yields 1,200 scans per second for quick, accurate reads
- **Intelligent, cubic design**
  - Enables easy integration into new equipment
- **Flexible communications**
  - Multiple interfaces include keyboard, RS-232C, USB, and wand

### Applications

ATM banking  
Information kiosk  
Price checker  
Lottery ticket reader

The A-50M laser scan module delivers astounding ZEBEX scanning performance in an easy-to-integrate unit for any equipment of a wide variety of applications. With its omnidirectional laser scanner, the A-50M performs 5 directions of scan field with a total of 20 lines. Along with 650 nm visible laser diode and 20cm long-range scan field, the A-50M drives up to 1,200 scans per second, making it one of the most powerful scanners in its class.

The cubic, yet small design saves space and reduces overall equipment size. This, along with its multiple interfaces - keyboard, RS-232C, USB and wand - means hassle-free integration with new equipment.

Don't take a chance with other scanners. Integrate ZEBEX quality and performance into your equipment with A-50M.

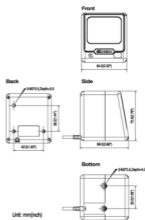


## Specifications

OPERATIONAL	
Light Source	650 nm visible laser diode
Depth of Field	0 - 210 mm @ 100% UPC/EAN, PCS 90%
Number of Scan Lines	20
Scan Rate	5 directions of scan field
Scan Speed	1,200 scans per second
Minimum Bar Width	5 mil @ PCS 90%
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (green & red)
Beeper Operation	Programmable tone and beep time
System Interfaces	Keyboard, RS-232C, USB1.1, wand
PHYSICAL	
Height	72.0 mm
Depth	68.0 mm
Width	64.0 mm
Weight	175 g
Cable	Standard 2m straight
POWER	
Input Voltage	5 VDC $\pm 10\%$
Power Consumption	1.0 Watts
Operating Current	200 mA
REGULATORY	
Laser Class	CDRH Class II a; IEC 60825-1: Class 1
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 40°C
Storage Temperature	-20° - 60°C
Humidity	5% - 95% RH (non-condensing)
Light Levels	Max. 4,000 LUX (fluorescence)
Shock	Designed to withstand 1m drops

\* Product availability & specifications depend on territory market strategy; all are subjects to change without prior notice.  
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## Dimensions



## Scan Field

