

A-50M

Omnidirectional Laser Scan Module



◀ Back mounting holes



▲ Actual size

- Superior scanning performance
- Intelligent and cubic design
- Flexible communications

The A-50M laser scan module delivers outstanding scanning performance in an easy-to-integrate unit for any equipment of a wide variety of applications. With its omnidirectional laser scan engine, the A-50M performs 5 directions of scan field with a total of 20 lines. Along with 650 nm visible laser diode and 20 cm 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 the A-50M.

OPERATIONAL

Light Source	650 nm visible laser diode (VLD)
Depth of Field	0 – 200 mm (UPC/EAN 100%, PCS=90%)
Number of Scan Lines	20
Scan Pattern	5 directions of scan field
Scan Rate	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 & beep time
System Interfaces	Keyboard, RS-232C, HID USB, wand

PHYSICAL

Dimensions	(L)70.0 × (W)64.0 × (H)68.0 mm
Weight	175 g
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ±10%
Power Consumption	1.0 watts
Operating Current	200 mA

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825-1: Class 1
EMC	CE & FCC DOC compliance, VCCI, BSMI

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. 4,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.0M drops

