

SCAN MODULES

- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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A-50M

Omnidirectional Laser Scan Module

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. It is easily integrated into any equipment for a wide variety of applications.

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



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	IBM 46xx, keyboard wedge, OEM (IBM) USB, RS-232 HID USB, USB – Virtual COM
PHYSICAL	
Dimensions	70.0 x 64.0 x 68.0 mm
Weight	175 g
Cable	Standard 2M 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, BSM1
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 1M drops

