

A-51M

High-Speed Laser Scan Module



◀ Back mounting holes



▲ Actual size



- Superior scanning performance
- Intelligent and industrial housing design
- Flexible communications

The A-51M, an overwhelming fixed position scanner in the industrial market, is small-in-size, light-in-weight, durable-in-structure and fast-in-reading; and works perfectly inside a variety of different industrial applications.

The A-51M is the single-line laser scan module that offers a reading rate of over 500 scans per second and with its Z-SCAN, the innovative hardware decode technology, A-51M provides the real-time decoding with effective successful reading rate.

A-51M simply is a space-saving and yet powerful and durable embedded barcode scanner.

OPERATIONAL

Light Source	650 nm visible laser diode
Depth of Field	35 – 215 mm @ 100% UPC/EAN, PCS=90%
Scan Angle	52°
Scan Rate	500 scans per second
Pitch / Roll / Skew Angle	65° / 30° / 65°
Minimum Bar Width	5mil @ PCS=90% (Code 39)
Print Contrast	30% @ UPC/EAN 100%
System Interfaces	Keyboard, RS-232C, USB 1.1, wand

PHYSICAL

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

POWER

Input Voltage	5 VDC ±10%
Power Consumption	1.0 watts
Operating Current	210 mA typical

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825 Class 1
EMC	CE EN55022, B, FCC Part 15 Class A, 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% – 90% RH (no dewing allowed)
Light Levels	Max. 4,500 Lux (fluorescence)

