

## Scan Modules & Others

# A-60M Series

Contact CCD Scan Module



### Features

- **Advanced scanning performance**
  - 3000 pixel CCD yields 160 scans per second for quick and accurate reads
- **Strict IP54 standards**
  - Durable, environment resistant housing
- **Smart, compact design**
  - Enables easy integration into new equipment
- **Flexible communications**
  - Multiple interfaces include keyboard, RS-232C and wand

### Applications

**ATM banking**

**Medical equipment**

**Gaming machine**

**Lottery ticket reader**

**Production line management**

The A-60M contact CCD scan module offers an easy-to-integrate design with the outstanding optical performance you've come to expect from ZEBEX. With its powerful 3000 pixel CCD, the A-60M enables 160 scans per second with a minimum resolution of 5mil for fast, precise scans.

The compact size of the A-60M reduces overall equipment size requirements. Along with its multiple interfaces including keyboard, RS-232C and wand, integrating ZEBEX quality and performance into your equipment has never been easier or more hassle-free.

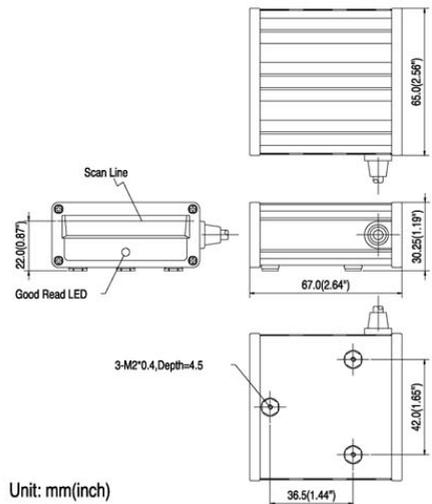
A-60M from ZEBEX realizes all possibilities.



## A-60M Specifications

OPERATIONAL	
Light Source	630nm visible LED
Optical System	3000 Pixel CCD
Depth of Scan Field	7 - 55mm
Width of Scan Field	90mm @ 55mm of depth
Scan Speed	160 scans per second
Minimum Bar Width	5mil @ 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, Wand
PHYSICAL	
Height	30.3mm
Depth	67.0mm
Width	65.0mm
Weight	150g
Cable	Standard 2m straight
POWER	
Input Voltage	5VDC ±10%
Power	0.5 Watts
Operating Current	100mA@5V
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 50°C
Storage Temperature	-20° - 60°C
Humidity	20% - 95% (non-condensing)
Light Levels	Max. 3000 LUX (Fluorescence)
Shock	Designed to withstand 1m drops

## Dimensions



## Scan Field

