

# A-30M

## Miniature CCD Scan Module



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- ▲ RJ-45 type interface connector
- ▼ Front view (actual size)
- ▲ Back mounting holes



▼ Actual size



- World's smallest CCD scan module
- Industrial standard design
- A "test" button on top for performance testing
- Mounting holes at bottom for easy installation
- Great CCD scanning performance and have future upgradeability on firmware
- Best for embedded applications, kiosks, lottery machine, and others where space is limited

A-30M CCD scan module is the perfect choice of embedded scanning solution. This 15g-weighted mini device is sized as small as a match box and incased in an industrial standard housing. There is the testing button designed on top allowing immediate scanning result response and there are mounting holes on the back of the case reserved for quick and easy installation.

A-30M has ZEBEX newly designed CCD scan engine with light beam bright and clear as laser beam that gives user best visual indication and its powerful high resolution CCD acts in outstanding performance. The A-30M has all the flexibility and future upgradeability, and it is certainly the greatest choice for embedded products. Gaming machines, lottery machines, handheld terminals and many more compact applications is now on your hand.

### OPERATIONAL

<b>Light Source</b>	617 nm visible red LED
<b>Optical System</b>	2,500 pixels CCD
<b>Depth of Field</b>	40 – 235 mm (UPC/EAN 100%, PCS=90%)
<b>Scan Rate</b>	200 scans per second
<b>Minimum Bar Width</b>	0.125 mm (5 mil) (0.1 mm actually) (Code 39, PCS=90%, contact)
<b>Print Contrast</b>	30% @ UPC/EAN 100%
<b>Indicators (LED)</b>	OK, "NG", "PWR" and "TEST" button
<b>Beeper Operation</b>	Programmable tone & beep time
<b>System Interfaces</b>	RS-232C, HID USB, USB – Virtual COM Port Emulation

### PHYSICAL

<b>Dimensions</b>	(L)37.5 × (W)24.5 × (H)14.1 mm
<b>Weight</b>	15 g (cable excluded)
<b>Mounting</b>	3-M 1.6 × 0.35 screw hole

### POWER

<b>Input Voltage</b>	5 VDC ±10%
<b>Operating Current</b>	87 mA typical

### REGULATORY

<b>EMC</b>	CE & FCC DOC compliance, VCCI, BSMI
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### ENVIRONMENTAL

<b>Operating Temperature</b>	0°C – 50°C (32°F – 104°F)
<b>Storage Temperature</b>	-20°C – 60°C (-4°F – 140°F)
<b>Humidity</b>	5% – 95% RH (non-condensing)
<b>Light Levels</b>	Max. 7,000 Lux (fluorescence)



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