

A-30M

Miniature CCD Scan Module



- ▲ 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 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 a 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 are now on your hand.

OPERATIONAL

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

PHYSICAL

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

POWER

Input Voltage	5 VDC ±10%
Operating Current	87 mA typical

REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI
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ENVIRONMENTAL

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



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