

# ALL ID EC323A

## 2D Barcode Imager



### Features

1. Highly sensitive image sensor (can read on electronic screens)
2. Able to read all standard 1D barcodes and 2D barcodes
3. High decoding ability to read damaged or substandard barcodes
4. Rugged design (IP54) which withstands multiple 1.8 m drops
5. Ideal for a wide range of applications which requires 2D barcode scanning, such as mobile couponing scanning, warehousing, and logistics document control.

### Specifications

#### Performance

**Processor:** 32 bit  
**Scan Mode:** Handheld  
**Alarm Mode:** Red light alarm, Buzzer alarm  
**Resolution:** 640(horizontal) x 480(vertial),  
256 gray levels

**Scan Angle:** 45°(horizontal);30°(vertical)  
**Scan Speed:** 250mm/sec

**Scan depth of field:**

5 mil(Code 39)	90~120mm
13 mil(UPC/EAN)	30~305mm
20 mil(Code 39)	30~450mm
PDF417(10mil)	50~225mm
Datamatrix(10mil)	52~240mm

**Barcode Type:** Australian Post, Aztec, BPO, Canada Post, Codabar, Codablock, Code 11, Code 39, Code 93, Code 128/EAN128, DataMatrix, Dutch Post, EAN.UCC Composite, Interleaved 2 of 5, Japan Post, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI Code, PDF417, Planet, Plessey Code, Postnet, QR code, RSS, Standard 2 of 5, Telepen, TLC 39, UPC/EAN

#### Electrical

**Voltage:** DC+5V±5%  
**Operating Current:** 60mA(working); 40mA(standby);  
300mA(operating)  
**Interfaces:** RS232,USB(MS+MAC)  
**Light Level:** Visible Red light 630+10nm

#### Environmental

**Operating Temp:** -20 °C ~60°C  
**Storage Temp:** -30 °C ~70°C  
**Humidity:** 5% to 95% (Non-condensing)  
**Drop:** Designed to withstand 1.8m drops  
**IP Degree:** IP54

#### Reliability

**High temp.:** 60 °C (140 °F)  
**Low temp.:** -20 °C (-4 °F)  
**Cycle time:** 30 minutes for high temp.,  
30 minutes for low temp.  
**Cycles:** 24 cycles  
**Mechanical Shock:** 2000G, 0.7ms, 3 axes

#### Physical

**Dimensions (LxWxH):** 170mm×100mm×75mm  
**Weight:** 150g (without cable)  
**Material:** ABS+EVA  
**Color:** Black  
**Accessories:** Scanner, manual & cable

*Product features, specifications and appearances are subject to change without notice.  
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