ALL ID EC323A
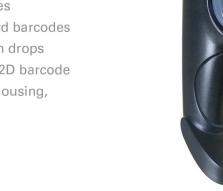## 2D Barcode Imager

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(vertical), 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 ℃ ~60℃
Storage Temp:	-30 ℃ ~70℃
Humidity:	5% to 95% (Non-condensing)
Drop:	Designed to withstand 1.8m drops
IP Degree:	IP54

Reliability

High temp.:	60 ℃ (140 ℉)
Low temp.:	-20 ℃ (-4 ℉)
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

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