

A103U

1D Linear Imager Handheld BarCode Scanner



Features

- CCD image scan engine, 280 scans per second, Special for dirty and damage bar code.
- The fast identification of LCD screen bar code, can avoid low brightness and film interference.
- Minimum support 3mil high precision scanning, support the jewelry industry and electronic industry tiny bar code scanning.
- IP52 protection level, 100% solidified hardware, dust prevention and fall resistant to special application environment.

Specifications

Physical Characteristics

Image Sensor: 2500 pixel CCD sensor

Light Source: LED (wavelength 660nm \pm 10nm)

Scan Speed: 280scans per second

Scan Angle: skew \pm 55° roll \pm 25° pitch \pm 75°

Scanning Width:(60%Contrast) (25mil) 40cm, (15mil) 32cm, (10mil) 22cm, (5mil) 11cm, (3mil) 3cm

Minimum Contrast: 15%

Resolution: \geq 4mil

I P Level: IP54

Indicator: buzzer and LED instructions

Symbologies: Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7,

All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412

Screen Scanning: (Alipay Mobile payment 2D code) 5.5inch Screen 40mm~260mm; 3.7inch Screen 50mm~170mm

Electrical Parameters

Voltage: 4.5~5.5V DC V1 \pm 5%

Current: Scanning 110mA / Standby 30~40mA

Mechanical Parameters

Dimensions: 180mm(L)x 65mm(W)x105mm(H)

Case Material: ABS

Weight: 185g (include Cable)

Interface: USB (optional RS-232)

Cable length: 150cm

Drop: 1.5m

Environmental

Operating Temperature: -20°C~50°C

Storage Temperature: -40°C~70°C

Humidity: 0%~98%

Typical Scanning Distance:		
5mil	UPC	40mm - 160mm
10mil	Code93	20mm - 240mm
15mil	EAN13	40mm - 250mm
20mil	code128	40mm - 380mm
40mil	code128	80mm - 520mm

For more information please visit: www.heroje.com

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