

# ALL ID EC103

## 1D Laser Barcode Scanner

### Features

1. Able to read damage, dirty and poor printed barcodes
2. Waterproof and dustproof, suitable in damp and dusty environment
3. Easily identify colored barcodes & non-white background barcodes
4. 10 thousand hours of laser lifespan
5. Rugged IP54 designed to withstand 1.8m drops



### Specifications

#### Scan Performance:

Scan Mode:	Manual, Continuous mode, & Automatic mode
Alarm Mode:	LED light alarm, Buzzer alarm
Read speed:	200 times/sec
Resolution:	3mil
Scan depth of field:	2.5mm-600mm
Bit error rate:	1/5 million
Print contrast:	Reflection coefficient is not less than 20%
Rotation angle:	1+/- 30°
Inclination angle:	2 +/- -45°
Deviation angle:	3 +/- 60°
Barcode type:	UPC/EAN, UPC/EAN including supplementary code, Code128, UCC/EAN128, Code 39, Code 39 Full ASCII, Code128 Full ASCII, Codabar, Interleaved 2 of 5, Code 93, MSI, Code 11, ISBN, ISSN, China

#### Electrical:

Interfaces:	RS232, Keyboard wedge, USB
Light:	650nm Visible laser diode
Light Level:	Able to resist interference of light and sun light

#### National Criteria:

Electric Safety: Compliance with UL1950, CSA C22.2 No. 950, EN60950/IEC950

EMI/RFI: FCC Part 15 Class B, European Union EMC Directive, Taiwan EMC

Laser Safety: CDRH Class II, IEC Class 2

Environment: Compliance with RoHS directive 2002/95/EEC

#### Environmental:

Operating Temp:	32° F ~ 104° F / 0° C ~ 40° C
Storage Temp:	-40° F ~ 140° F / -40° C ~ 60° C
Humidity:	5% ~ 95% RH
Drop:	Designed to withstand 1.8m drops

#### Environmental:

Dimensions (LxWxH):	150mm x 65mm x 95mm
Weight:	125g
Material:	ABS + EVA
Rating:	IP54



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